MONTHLY CATALOG

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UNITED STATES
GOVERNMENT PUBLICATIONS

DECEMBER 1958

Entries 16640-17418
and Annual Index

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MONTHLY CATALOG

OF UNITED STATES GOVERNMENT PUBLICATIONS

DECEMBER 1958 **Number 767**

Entries 16640–17418
and Annual Index January–December 1958

Issued by the SUPERINTENDENT OF DOCUMENTS

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PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

Accident prevention handbook. (Air Force Department, Manual 32–3, Aug. 1, 1958.) $3.50. ● D 301.7 : 32–3

American poetry at mid-century, lectures by John C. Ransom, Delmore Schwartz and John H. Wheelock. (Library of Congress.) 25c. ● LC 29.9 : R 17

Beltsville kitchen, workroom with energy saving features. (Agriculture Department, Home and garden bulletin 60.) 10c. ● A 1.77 : 60

Consumer preferences for frozen peas in relation to standards. (Agriculture Department, Marketing research report 280.) 15c. ● A 1.82 : 280

Cumulative income tax regulations under Internal revenue code of 1954. Dec.–Jan. 1957. (Internal Revenue Service.) $1.50. ● T 22.19 : In 2/12/957

Determining quality of irrigation water. (Agriculture Department, Agriculture information bulletin 197.) 5c. ● A 1.75 : 197

Diseases of cabbage and related plants. (Agriculture Department, Agriculture handbook 144.) 25c. ● A 1.76 : 144

Fall enrollment in higher education, 1958. (Education Office, Circular 544.) 30c. ● FS 5.4 : 544

Federal reserve act of 1913 with amendments and laws relating to banking, compilation. (House of Representatives.) $1.50. ● Y 1.2 : F31/958

Independence National Historical Park, Pa. [Revised 1958.] (National Park Service.) $3.00 per 100, single copy 5c. ● I 29.21 : In 21/958

Irrigation of field corn in the west. (Agriculture Department, Leaflet 440.) 5c. ● A 1.35 : 440

Jefferson National Expansion Memorial, St. Louis, Mo. (National Park Service.) $3.00 per 100, single copy 5c. ● I 29.21 : J 35/958

Laws relating to forestry, game conservation, flood control, and related subjects, compilation. (House of Representatives.) $1.50. ● Y 1.2 : F 76/4/958

Legal status of women in United States: Report for Texas as of Jan. 1, 1959. (Women's Bureau, Bulletin 157–42.) 10c. ● L 13.3 : 157–42/3

Meteorology for Naval aviators. (Aeronautics Bureau.) $2.00. ● D 202.2 : M 56/3

Methods and equipment for ice packing poultry. (Agriculture Department, Marketing research report 242.) 30c. ● A 1.82 : 242

More than bread. (Social Security Administration.) 15c. ● FS 3.2 : B74

Municipal sewage treatment needs. (Public Health Service, Publication 619.) 15c. ● FS 2.2 : Se 8/4

1957 census of government: v. 1, Governmental organization, no. 4, Elective office of State and local governments. (Census Bureau.) 60c. ● C 3.145/4 : 957/v.1/no.4

1957 census of government. v. 2, Government employment, no. 3, Employment in standard metropolitan areas. (Census Bureau.) 60c. ● C 3.145/4 : 957/v.2/no.3

Official register of United States, 1958, persons occupying administrative and supervisory positions in legislative, executive, and judicial branches of Federal government, and in District of Columbia government. (Civil Service Commission.) $2.50. ● CS 1.31 : 958

Position of oriental tobacco in world production and trade. (Foreign Agricultural Service, Foreign agriculture report 113.) 25c. ● A 67.16 : 113

Postwar developments in Japan's foreign trade. (Tariff Commission, Report, 2d series, no. 201.) 60c. ● TC 1.9 : 201

Public papers of the presidents of United States: Dwight D. Eisenhower, 1956, containing public messages, speeches, and statements of the President Jan. 1–Dec. 31, 1956. (Federal Register Division.) $7.25. ● GS 4.113 : 956

Reconstruction Finance Corporation act with amendments, compilation. (House of Representatives.) 65c. ● Y 1.2 : R 24/2/958

Renegotiation Board, 3d annual report, 1958. 15c. ● Rn B 1.1 : 958

Rice diseases. (Agriculture Department, Farmers' bulletin 2120.) 10c. ● A 1.9 : 2120

Safety subjects. (Labor Standards Bureau, Bulletin 67, revised 1958.) $1.00. ● L 16.3 : 67/5

Sesame production. (Agriculture Department, Farmers' bulletin 2119.) 10c. ● A 1.9 : 2119

Social security for employees of non-profit organizations. (Old-Age and Survivors Insurance Bureau, OASI–33f.) $2.00 per 100, single copy 5c.) ● FS 3.35 : 33f

Social worker's part in adoption. (Children's Bureau, Folder 45.) $6.00 per 100, single copy 10c. ● FS 3.210 : 45

Subversive Activities Control Board, 8th annual report, for fiscal year 1958. 15c. ● Y 3.Su 1.1 : 958

United States extension to the International Civil Aviation Organization standard atmosphere. (Weather Bureau.) $1.75. ● C 30.2 : At 6

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Abbreviations

amdt., amdts	amendment, amendments.
app	appendix, appendixes.
chap	chapter, chapters.
Cong	Congress.
Dept	Department.
doc	document.
DPPO Prnc	District Printing and Publications Office, Potomac River Naval Command.
8°	octavo.
f°	folio.
facsim	facsimile, facsimiles.
4°	quarto.
G. H. A	Greenwich hour angle.
H	House.
H. Con. Res	House concurrent resolution.
H. doc	House document.
H. ex. doc	House executive document.
H. J. Res	House joint resolution.
H. R	House bill.
H. Res	House resolution.
H. rp	House report.
il	illustration, illustrations.
in	inch, inches.
lat	latitude.
long	longitude.
m	mile.
MRC	Mississippi River Commission.
n. d	no date.
n. p	no place.
no., nos	number, numbers.
p	page, pages.
p. of pl	pages of plates.
par., pars	paragraph, paragraphs.
pl	plate, plates.
por	portrait, portraits.
pt., pts	part, parts.
rp	report.
RPC	Recruiting Publicity Center.
S	Senate, Senate bill.
S. Con. Res	Senate concurrent resolution.
S. doc	Senate document.
S. ex. doc	Senate executive document.
S. J. Res	Senate joint resolution.
S. Res	Senate resolution.
S. rp	Senate report.
sec	section, sections.
sess	session, sessions.
16°	sixteenmo.
Stat. L	Statutes at large.
supp	supplement.
tab	table, tables.
32°	thirty-twomo.
Treas	Treasury.
12°	twelvemo.
24°	twenty-fourmo.
v	volume, volumes.
vs., *v*	versus.
WPAFB	Wright-Patterson Air Force Base.
WRPC	Weather Record Processing Center.

Common abbreviations for the names of States, months, etc., are also used.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [ ] are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D. C. Size is not given for octavo publications. Size of maps is approximate, measurement being made from outer edge of border, excluding margin. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

The word "processed" as used in this catalog indicates publications which are reproduced by duplicating processes other than ordinary printing, e. g., mimeograph, multigraph, planograph, rotaprint, multilith. Processed publications are not obtainable from the Superintendent of Documents. Requests for them, if they are available, should be addressed to the issuing office or to the Office of Technical Services, as indicated by the distribution symbol.

Under provisions of the Printing Act of January 12, 1895, all Government publications are entered in the Monthly Catalog. However, administrative and confidential (or restricted) publications are omitted.

The L. C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

General Information

The Superintendent of Documents, Government Printing Office, Washington, D. C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

PRICE LISTS

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceding the price. Those for sale by the Office of Technical Services, Commerce Department, are indicated by a farad (Φ) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e. g., H. doc. 108, 82d Congress.

Do not use the L. C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C., by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

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LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

Assigned January-December 1958

NOTE.—New classes appearing for the first time in this issue of the Monthly Catalog are listed in bold face type.

Agriculture Department.

A 1.89 : Reserved	
A 1.90 : CT	[Plant disease, decay, etc., control activities of Department of Agriculture, reports.] [Proc.]
A 1.91 : CT	[Breeding research and improvement activities of Department of Agriculture, reports.] [Proc.]
A 1.92 : date	National Fire Prevention Week. NOTE.—See, for earlier publications, A 1.2 : F 51/945 and A 1.2 : F 51/2/957.

Forest Service.

A 13.52/2 : date	Forest insect conditions, status report (annual). [Proc.] NOTE.—See, for earlier class, A 13.2 : In 7/4/date.
A 13.62/11 : date	Staff publications, California Forest and Range Experiment Station. NOTE.—See, for earlier class A 13.62/2 : P 96/date.
A 13.63/14 : nos	Southeastern forest insect & disease newsletters. [Proc.]
A 13.65/10 : nos	Intermountain Forest and Range Experiment Station: Forest survey releases. [Proc.]
A 13.66/11 : nos	Pacific Northwest Forest and Range Experiment Station: Silvical series. [Proc.]
A 13.77 : date	Lumber manufacturing, wood using and allied associations. NOTE.—See, for earlier classes, A 13.2 : L 97/9 and A 13.2 : L 97/15.

Soil Conservation Service.

A 57.46 : date	Federal-State cooperative snow surveys and water supply forecasts for Arizona (semimonthly Jan. 15–Apr. 1). [Proc.]
A 57.46/2 : date	Federal-State cooperative snow surveys and water supply forecasts for Idaho and Columbia Basin (monthly Jan.–May). [Proc.]
A 57.46/3 : date	Federal-State cooperative snow surveys and water supply forecasts for Montana and northern Wyoming (monthly Feb.–May). [Proc.]
A 57.46/4 : date	Federal-State cooperative snow surveys and water supply forecasts for Nevada (monthly Feb.–Apr.). [Proc.]
A 57.46/5 : date	Federal-State cooperative snow survey and water supply forecasts for Oregon (monthly Jan.–May). [Proc.]
A 57.46/6 : date	Federal-State cooperative snow surveys and water supply forecasts for Utah (monthly Jan.–May). [Proc.]
A 57.46/7 : date	Federal-State cooperative snow surveys and water supply forecasts for Washington (monthly Feb.–May). [Proc.]
A 57.46/8 : date	[Snow surveys and water supply forecasts, western United States] (semiannual). [Proc.]

A 57.46/9 : date — Federal-State [private] cooperative snow surveys and water supply forecasts for Colorado River, Platte River, Arkansas River, and Rio Grande drainage basins (monthly Feb.–May). [Proc.]

A 57.46/10 : date — Federal-State [private] cooperative snow surveys and water supply forecasts for Wyoming (monthly Feb.–May). [Proc.]

Plant and Operations Office.

A 60.9 : CT — Addresses.

Agricultural Research Service.

A 77.17/4 : date — Publications and patents of Eastern Utilization Research and Development Division (semi-annual). [Proc.]
NOTE.—Earlier issues are classified in ARS-series (A 77.15 :).

A 77.228/2 : nos — [Correspondence aids] CA (series).
NOTE.—Issued by Animal Disease Eradication Division.

Commodity Stabilization Service.

A 82.79/2 : date — Conservation reserve program of soil bank, statistical summaries.

A 82.80 : date — What we are doing about agricultural surpluses (irregular). [Proc.]
NOTE.—See, for earlier class, A 82.2 : Su 7/date.

Commodity Exchange Authority.

A 85.13 : date — List of publications of Commodity Exchange Authority.
NOTE.—See, for earlier class A 85.2 : P 96/date.

Agricultural Marketing Service.

A 88.12/21 : date — Citrus fruits by States, production, use, value (annual). [Proc.]
NOTE.—See, for earlier class, A 88.2 : C 49/date.

A 88.15/20 : date — Commercial egg movement report (weekly). [Proc.]

A 88.18/20 : v. nos. & nos — Rice market news supplement, rough rice receipts (weekly). [Proc.]

A 88.20/3 : date — Capacity of refrigerated warehouses in United States.
NOTE.—Earlier publications numbered in Statistical bulletin series (A 1.34 :).

A 88.21/2 : date — Number of farms by States. [Proc.]
NOTE.—See, for earlier class, A 88.2 : F 22/2/date.

A 88.34/7 : nos — Weekly tobacco market news summary. [Proc.]

A 88.34/8 : date — Fire-cured and dark air-cured tobacco market review (annual).
NOTE.—See, for earlier classes, A 88.34/3 : and A 88.34/4 :(date).

A 88.37/a : CT — National food situation (separates).

A 88.43/2 : date — Plants under agreement for plant inspection-pack certification (irregular). [Proc.]
NOTE.—See, for earlier class, A 88.2 : P 69/date.

A 88.45/2 : date — Farm telephone & electricity [combined report]. [Proc.]
NOTE.—See, for separate telephone and electricity reports, A 88.45 :(date) and A 88.46 :(date).

A 88.49 : nos — Mississippi weekly weather-crops bulletin.

A 88.49/2 : date — Louisiana weekly weather and crop bulletin. [Proc.]

Agricultural Conservation Program Service.

A 90.10/2 : date — Agricultural conservation program, summary (annual).
NOTE.—See, for earlier class, A 90.2 : Su 6/date.

Census Bureau.

C 3.24/9–5 : date — Publication announcement and order form, Annual survey of manufactures.
NOTE.—See, for earlier publication, C 3.24/9–2: date/ann.

C 3.24/13 : date/nos — Census of manufactures: [Special reports] bulletin MC-(series).

C 3.31/11 : date/nos — Census of agriculture, statistics by subjects, Series AC54–3 (irregular). [Proc.]

C 3.134/2a : CT — Statistical abstract supplements (separates).

C 3.216/4 : date/letters — Census of mineral industries: [Subject] bulletin MI–(series).

C 3.216/5 : date/v.nos — Census of mineral industries, final volumes.

C 3.220 : Reserved

C 3.221 : date/v.no., pt.no — National housing inventory.

C 3.222 : date/nos — Company statistics bulletins, Censuses of business, manufactures, and mineral industries.

Coast and Geodetic Survey.

C 4.41/2 : nos — Technical bulletins.
NOTE.—Supersedes the Journal, C 4.41 : (nos.).

C 4.41/3 : letters — Technical bulletins, special.

Patent Office.

C 21.18 : CT — Research and development reports.

Weather Bureau.

C 30.59/44 : nos — Climatography series 70-nos., Precipitation data from storage-gage stations.

C 30.66/2 : nos — Key to meteorological records documentation [miscellaneous reports].

C 30.66/3 : CT — Key to meteorological records documentation, 6.11, Decadal census of weather stations [by State].

Civil Aeronautics Administration.

C 31.132/2 : date — United States active civil aircraft by State and county.
NOTE.—See, for earlier class, C 31.102 : Al 7/50/date.

C 31.145/3 : date — Annual report of operations under Federal airport act.
NOTE.—See, for earlier class, C 31.105 : F 31/date.

C 31.153 : date — Air commerce traffic pattern.

C 31.153/2 : date — International air commerce traffic pattern, U. S. flag carriers, calendar year.
NOTE.—See, for earlier class, C 31.102 : T 67/4.

C 31.167 : date — Federal airway plan.
NOTE.—See, for earlier class, C 31.102 : Al 7/52/date.

C 31.168 : nos — Jet age planning, progress reports. Civil Aeronautics Board.

Civil Aeronautics Board.

C 31.245 : Reserved

C 31.246 : date — Certified air carrier financial data:
All-cargo carriers [quarterly comparisons]. [Proc.]

C 31.246 : date — All cargo carriers [12-month comparisons]. [Proc.]

C 31.247 : date — Other carriers [quarterly comparisons]. [Proc.]

C 31.247/2 : date — Other carriers [12-month comparisons]. [Proc.]

Public Roads Bureau.

C 37.19 : Reserved

C 37.20 : nos — Electronic computer program library memorandum. [Proc.]

C 37.21 : CT — Addresses.

Maritime Administration.

C 39.212/2 : date — New ship deliveries during calendar year.

Business and Defense Services Administration.

C 41.16 : CT — Motion pictures abroad.

C 41.17 : date — World motor vehicle registration (annual).
NOTE.—See, for earlier class, C 41.2 : M 85.

C 41.18 : nos — Economic summary, printing and publishing and allied industries (monthly). [Proc.]
NOTE.—Earlier issues classified C 41.18 : (date).

C 41.23/4 : CT — Bibliographies and lists of publications, Technical Services Office.

C 41.32/a : CT — Pulp, paper, and board, industry report (separates).

C 41.40 : nos — Soviet bloc International geophysical year information (weekly). [Proc.]
NOTE.—Published from Feb. 14, 1958, to Jan. 2, 1959.

Foreign Commerce Bureau.

C 42.17 : nos — Information sources on international travel. [Proc.]

C 42.18 : CT — Addresses.

Area Development Office.

C 45.7 : nos — Releases.

C 45.13 : nos — Area trend series.

C 45.14 : Reserved

C 45.15 : CT — Bibliographies and lists of publications.

Civil Rights Commission.

CR 1.1 : date — Reports.

CR 1.2 : CT — General publications.

Civil Service Commission.

CS 1.63 : Reserved

CS 1.64 : date — President's awards for distinguished Federal civilian service (annual).

Defense Department.

D 1.29 : v.nos — Court-martial reports, holdings and decisions of Judge Advocates General boards of review and United States Courts of Military Appeals.

D 7.11 : date — Alphabetical listing, register of planned mobilization producers, manufacturers of war materiel registered under Production allocation program (annual).

Army Department.

D 101.6/2 :-6/3 : Reserved

D 101.6/4 : date — Army procurement procedure.
NOTE.—See, for earlier class, D 101.6 : P 94/date.

D 101.49 : Reserved

D 101.50 : date — Progress, United States Army reports (annual).
NOTE.—See, for earlier class, D 101.2 : P 94/2.

D 101.51 : date — Joint Military-Industry Packaging and Materials Handling Symposium.

Adjutant General's Office (Army).

D 102.27/3 : nos — PRB reports.

D 102.29 : nos — Special studies.
NOTE.—Issued by Army Library.

Engineers Corps (Army).

D 103.20/3 : nos — AMS bulletins.

D 103.24/5 : nos — Waterways Experiment Station: Research reports.

D 103.27/2 : nos — Bonneville Hydraulic Laboratory, reports.

D 103.32 : nos — Military hydrology bulletins.

D 103.33 : nos — Army Snow, Ice, and Permafrost Research Establishment: Technical reports.

Army Medical Service.

D 104.15 : Reserved

D 104.16 : date — Dependents' medical care program, annual report.

Ordnance Corps (Army).

D 105.14/2 : v.nos.& nos — Diamond Ordnance Fuze Laboratories: Technical review (irregular). [Proc.]

D 105.15 : nos — Army Ballistic Missile Agency, research reports. [Proc.]

D 105.16 : nos — Coating and Chemical Laboratory, Aberdeen Proving Ground, Md. report CCL (series). [Proc.]

D 105.17 : letter-nos — Frankford Arsenal: Reports. [Proc.]

D 105.17/2 : nos — —— memorandum report MR (series). [Proc.]

D 105.18 : nos — Detroit Arsenal: Reports.

Quartermaster General of Army.

D 106.9/5 : nos — Chemicals and Plastics Division, technical report CP (series). [Proc.]

Signal Corps (Army).

D 111.9/2 : nos — Engineering reports, Signal Corps Engineering Laboratories, Fort Monmouth, N. J. [Proc.]

Chemical Corps (Army).

D 116.9–11 : Reserved

D 116.12 : date — Proceedings of annual statistical engineering symposium. [Proc.]

Navy Department.

D 201.6/11 : date — Index to Navy procurement information.

NOTE.—See, for earlier class, D 214.2 : Of 3/4/ date.

Medicine and Surgery Bureau (Navy).

D 206.12/2 : date — History of Medical Department of United States Navy.

Naval Research Office.

D 210.16 : Reserved

D 210.17 : date — Report of NRL progress (monthly).

Ships Bureau (Navy).

D 211.16 : nos — Rubber Laboratory, Mare Island Naval Shipyard, Vallejo, Calif., reports. [Proc.]

D 211.17 : nos — Boston Naval Shipyard, Materials Laboratory, evaluation reports. [Proc.]

Marine Corps (Navy).

D 214.11 : date — Combined lineal list of officers on active duty in Marine Corps (annual).

NOTE.—See, for earlier class, D 214.2 : Of 3/4/ date.

Ordnance Bureau (Navy).

D 215.11 : nos — U. S. Naval Ordnance Test Station, Inyokern, Technical memorandums. [Proc.]

Air Force Department.

D 301.9/3 : date — Special notices, supplement to Radio facility charts and in-flight data, Europe (monthly). [Proc.]

D 301.45/14 : nos — ARDC manuals.

NOTE.—Issued by Air Research and Development Command.

D 301.45/15 : date — Quarterly index of technical documentary reports. [Proc.]

D 301.52 : date — United States Air Force and United States Navy flight planning document.

NOTE.—Replaces Supplementary flight information documents which are classified, D 301.48 : through D 301.51/2 :

D 301.61 : Reserved

D 301.62 : CT — PACAF [Pacific Air Forces] basic bibliographies. [Proc.]

Air Force Academy, Colorado Springs.

D 305.9 : date — Report of Board of Visitors.

Federal Civil Defense Administration.

FCD 1.13/11 : nos — Information bulletins.

NOTE.—Replaces for your information (FYI) series, FCD 1.13 : to FCD 1.13/10 : See, for later class, Pr 34.703/2 : (nos.).

FCD 1.24 : nos — Newsletter, by, for, and about women in civil defense (irregular).

Federal Home Loan Bank Board.

FHL 1.11/2 : nos — Savings and home financing chart book.

National Institutes of Health.

FS 2.22/10 : Reserved

FS 2.22/11 : date — Highlights of heart progress (annual).

NOTE.—See, for earlier class FS 2.22 : H 35/4/ date.

FS 2.22/12 : date — Highlights of progress in research on neurologic disorders (annual).

FS 2.22/13 : CT — Bibliographies and lists of publications.

Public Health Service.

FS 2.54/3 : date — Bulletin of Freedmen's Hospital School of Nursing, announcements.
NOTE.—See, for earlier class, FS 2.54/2 : N 93/2/date.

FS 2.84 : date — Municipal water facilities, communities of 25,000 population and over, continental United States and territorial possessions (annual).
NOTE.—Title varies.

FS 2.85 : letter-nos — U. S. national health survey reports.

FS 2.86 : CT — Indians on Federal reservations in United States [by areas].

FS 2.87 : nos — DP pamphlets.
NOTE.—Issued by Division of Personnel.

National Office of Vital Statistics.

FS 2.119 : Reserved

FS 2.120 : date — Annual report of United States National Committee on Vital and Health Statistics fiscal year. [Proc.]
NOTE.—See, for earlier class, FS 2.63 : (date).

Social Security Administration.

FS 3.14/4 : date — Money payments to recipients under State-Federal assistance programs, annual release. [Proc.]

Education Office.

FS 5.10/4 : CT — References on local school administration. [Proc.]

FS 5.57/2 : nos — Information on education around the world.

FS 5.64/2 : date — Teacher exchange opportunities abroad, teaching, summer seminars under International Educational Exchange Program of Department of State [announcements]. [Proc.]
NOTE.—See, for earlier class, FS 5.2 : Ex 2/6.

FS 5.64/3 : date — Opportunities for teachers of French language and literature (annual). [Proc.]
NOTE.—See, for earlier class, FS 5.2 : T22/12/date.

FS 5.64/4 : date — Opportunities for teachers of Spanish and Portuguese. [Proc.]

FS 5.65 : v.nos.& nos — Case book, education beyond high school, practices underway to meet the problems of the day.

FS 5.66 : date — Report on principal bills introduced into Congress affecting education either directly or indirectly (annual). [Proc.]
NOTE.—See, for earlier class, FS 5.2 : Ed 8/3.

FS 5.67 : nos — Citizen leaflets. [Proc.]

FS 5.68 : CT — Local school administration briefs. [Proc.]

FS 5.132 : CT — Addresses, Division of Vocational Education.

Food and Drug Administration.

FS 13.105 : CT — Laws.

Federal Trade Commission.

FT 1.22 : date — List of publications (annual). [Proc.]
NOTE.—See, for earlier class, FT 1.2 : P 96/3/date.

General Accounting Office.

GA 1.6/1 : date/trans.nos — GAO manual for guidance of Federal agencies title 1, United States General Accounting Office, transmittal sheet nos.

GA 1.6/10 : date — General Accounting Office policy and procedures manual for guidance of Federal agencies, titles 1–9.

General Services Administration.

GS 1.15 : date — Inventory report on real property owned by United States throughout world (annual).

GS 1.15/2 : date — Inventory report on real property leased to United States.

Federal Supply Service.

GS 2.6/2: nos — Federal handbook HB (series).

National Archives and Records Service.

GS 4.11/2: CT — Facsimiles (unnumbered).
NOTE.—Earlier issues numbered and classified under GS 4.11:

GS 4.17: date — Publications of National Archives and Records Service.
NOTE.—See, for earlier class, GS 4.2: P 96/date.

GS 4.18: nos — Guides to German records microfilmed at Alexandria, Va.

Federal Register Division.

GS 4.113: date — Public papers of the Presidents of United States.

Federal Facilities Corporation.

GS 7.1: date — Annual reports.
NOTE.—See, for earlier class, T 69.1: (date).

GS 7.2: CT — General publications.
NOTE.—See, for earlier class, T 69.2: (CT).

Transportation and Public Utilities Service.

GS 8.1: date — Annual reports.

GS 8.2: CT — General publications.

GS 8.3–5: Reserved

GS 8.6: CT — Regulations, rules, and instructions.

Housing and Home Finance Agency.

HH 1.25: date — Annual report, Voluntary home mortgage credit program.
NOTE.—See, for earlier class, HH 1.2: V 88/2/date.

Federal Housing Administration.

HH 2.19–21: Reserved

HH 2.22: date — Statement of financial condition (calendar year).
NOTE.—See, for earlier class, HH 2.2: F 49/date.

Interior Department Library.

I 22.9: CT — Bibliographies and lists of publications.

Mines Bureau.

I 28.82/2: nos — Titanium metal report (quarterly). [Proc.]

I 28.103: nos — Bismuth quarterly reports. [Proc.]

I 28.105: nos — Contributions from Thermodynamics Laboratory, Petroleum Experiment Station, Bartlesville, Okla. [Proc.]

Fish and Wildlife Service.

I 49.13/2: nos — Wildlife management series leaflets. [Proc.]

I 49.47: date — Quarterly progress reports, Wildlife Research Laboratory, Denver, Colo. [Proc.]

I 49.47/2: nos — Research on bird repellents, progress reports. [Proc.]

Minerals Mobilization Office.

I 60.1: date — Reports.

I 60.2: CT — General publications.

Interstate Commerce Commission.

IC 1.3/2: nos — Information bulletins.

IC 1.23/19: date — Carload waybill statistics, statement TC–3, Territorial distribution of carloads for each commodity class by type of car. [Proc.]

IC 1 mot. 22: date — Motor carrier freight commodity statistics, class 1 common and contract carriers of property (annual).

IC 1 pip. 8: Reserved

IC 1 pip. 9: date — Pipe line carriers, annual guide prices and indices. [Proc.]

IC 1 saf. 5/2: CT — Bureau of Safety and Service, laws.

IC 1 val. 11: date — Elements of value of property, class 1 line-haul railways used in common carrier service (annual). [Proc.]
NOTE.—See for earlier class, IC 1 val. 2: C 23/date.

IC 1 val. 12 : date — Elements of value of property, class 1 switching and terminal companies used in common carrier service (annual). [Proc.]
NOTE.—See, for earlier class IC 1 acco. 2 : C 23/date.

Justice Department.

J 1.29 : date — Annual report of Office of Administrative Procedure.

J 1.30 : date — Report of Attorney General to Congress on administration of Foreign agents registration act of 1938, as amended, for calendar year. [Proc.]
NOTE.—See for earlier class, J 1.2 : F 76/date.

Immigration and Naturalization Service.

J 21.5/2 : CT — United States immigration laws, general information.
NOTE.—See, for earlier class, J 21.2 : Im 6/2/date.

Court of Claims.

Ju 3.10/3 : CT — Regulations and instructions.
NOTE.—Earlier publications classified Ju 3.2 : (CT).

Administrative Office of United States Courts.

Ju 10.10 : date — Report of proceedings of regular annual meeting of Judicial conference of United States (annual).
NOTE.—See, for earlier class, Ju 10.2 : J 89/2/date.

Ju 10.10/2 : date — Report of proceedings of special session of Judicial Conference of United States.
NOTE.—See, for earlier class, Ju 10.2 : J 89/3/date.

Labor Department.

L 1.9/3 : date — Labor charts (monthly). [Proc.]
NOTE.—See, for earlier class, L 1.9/2 : L 11/date.

Labor Statistics Bureau.

L 2.70/4a : CT — Occupational outlook (separates).

L 2.81/2 : date — Indexes of change in straight-time average hourly earnings for selected shipyards, by type of construction and region (monthly). [Proc.]
NOTE.—See, for earlier class, L 2.2 : Sh 6/7/date.

Employment Security Bureau.

L 7.25/2 : date — Job guide for young workers (biennial).
NOTE.—See, for earlier class, L 7.2 : J 57/4/date.

L 7.56/3 : nos — Employment security research exchange (semi-annual). [Proc.]

L 7.63 : date — Local shortages in selected scientific and engineering occupations (bimonthly). [Proc.]
NOTE.—See, for earlier class, L 7.2 : Sci 2/date.

L 7.63/2 : date — Current labor market conditions for engineering, scientific, and technical personnel (bimonthly). [Proc.]
NOTE.—Replaces local shortages in selected scientific and engineering occupations (L 7.63 :).

Wage and Hour and Public Contracts Divisions.

L 22.27 :–28 : Reserved

L 22.29 : nos — Industry pamphlets.

L 22.30 : nos — Questions and answers, QA–IND–(series).

Apprenticeship and Training Bureau.

L 23.14 :–15 : Reserved

L 23.16 : nos — Trade and industry publications.

Employees' Compensation Bureau.

L 26.8 : date — Federal work injuries sustained during calendar year.
NOTE.—See, for earlier class, L 26.2 : In 5/2/date.

International Labor Affairs Office.

L 29.8 : CT — International labor studies.

L 29.9 : CT — Directories of labor organizations.

L 29.9/2 : pt.nos	Directory of international trade union organizations. NOTE.—See, for earlier class, L 29.2 : D 62/pt. nos./date.
	National Aeronautics and Space Administration.
NAS 1.1 : date	Annual reports.
NAS 1.2 : CT	General publications.
	National Science Foundation.
NS 1.10/2 : date	Federal grants and contracts for unclassified research in physical sciences (annual).
NS 1.14 : date	Scientific manpower, significant developments, views and statistics (annual).
NS 1.15 : nos	Current research and development in scientific documentation (semiannual).
NS 1.16 : nos	Scientific information activities of Federal agencies.
	Post Office Department.
P 1.32 :–35 : Reserved	
P 1.36 : nos	Information Service IS–(series).
	President of United States.
Pr 34.11/4 : CT	White House Disarmament Staff, addresses.
	Budget Bureau.
Pr 34.107/5 : date	Budget of United States Government, District of Columbia (annual).
	Central Intelligence Agency.
Pr 34.601 :–608 : Reserved	
Pr 34.609 : nos	Scientific information report (semimonthly). [Proc.]
	Civil and Defense Mobilization Office.
Pr 34.701 : date	Reports. NOTE.—See, for earlier classes, FCD 1.1 :(date) and Pr 34.201 :(date).
Pr 34.702 : CT	General publications. NOTE.—See, for earlier classes, FCD 1.2 : CT and Pr 34.202 :(CT).
Pr 34.703 :–705 : Reserved	
Pr 34.706 : CT	Regulations, rules, and instructions.
Pr 34.707 : nos	Releases.
Pr 34.708 : nos	[Leaflet] L-series. NOTE.—See, for earlier class, FCD 1.20 : (nos.).
Pr 34.709 :–758 : Reserved	
Pr 34.759 : nos	Miscellaneous publications, MP–(series.) NOTE.—See, for earlier class, FCD 1.22 : (nos.).
Pr 34.760 : Reserved	
Pr 34.761 : CT	Handbooks and manuals (civil defense) (unnumbered).
	State Department.
S 1.111 : date	World strength of communist party organizations (annual). [Proc.]
S 1.112 : Reserved	
S 1.113 : nos	Biographic directories. [Proc.]
	International Cooperation Administration.
S 17.7 : date	Releases.
S 17.41/2 : date	Status report, Voluntary and non-profit agency technical cooperation contracts with International Cooperation Administration (irregular). [Proc.]
	Small Business Administration.
SBA 1.3 : nos	Small business bulletins.
SBA 1.13/3 : date	U. S. Government purchasing and specifications directory. NOTE.—See, for earlier classes, SBA 1.13 : (date) and SBA 1.13/2 : (date).
	Smithsonian Institution.
SI 1.17 : date	List of Smithsonian publications available for distribution. NOTE.—See, for earlier lists, SI 1.1/a : P 96 and SI 1.7/a : P 96.

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Treasury Department.

T 1.40 : date — Facts about United States money (revised annually). [Proc.]
NOTE.—See, for earlier class, T 1.2 : M 74/3.

Internal Revenue Service.

T 22.44 : date — Your Federal income tax for individuals (annual).
NOTE.—See, for earlier class, T 22.2 : In 2/12/date.

Tariff Commission.

TC 1.30 : CT — Laws.

Veterans Administration.

VA 1.10/2 : nos — Manuals (numbered).
VA 1.10/3 : nos — Program guide PG (series).
VA 1.23/2 : nos — Medical bulletins.

Airways Modernization Board.

Y 3.Ai 7/4 : 1/date — Reports.
Y 3.Ai 7/4 : 2 CT — General publications.
Y 3.Ai 7/4 : 3–6 Reserved
Y 3.Ai 7/4 : 7/date — Releases.

Atomic Energy Commission.

Y 3.At 7 : 16–2/v.nos — Nuclear science abstracts (bound volumes).
Y 3.At 7 : 16–3/date — New nuclear data, annual cumulations.
NOTE.—Earlier cumulations included in Nuclear science abstracts.
Y 3.At 7 : 34–35 Reserved
Y 3.At 7 : 36/v.nos.& nos — Power reactor technology (quarterly).
Y 3.At 7 : 37/v.nos.& nos — Reactor fuel processing (quarterly).
Y 3.At 7 : 38/v.nos.& nos — Reactor core materials (quarterly).
Y 3.At 7 : 39/date — Financial report, fiscal year.
Y 3.At 7 : 40–1 Reserved
Y 3.At 7 : 40–2/nos — 2d United Nations International Conference on Peaceful uses of Atomic Energy [papers].
Y 3.At 7 : 41 Reserved
Y 3.At 7 : 42/date — Trilinear chart of nuclides.

Civil War Centennial Commission.

Y 3.C 49/2 : 1/date — Reports.
Y 3.C 49/2 : 2 CT — General publications.
Y 3.C 49/2 : 3–5 Reserved
Y 3.C 49/2 : CT — Regulations, rules, and instructions.

Columbia Basin Inter-Agency Committee.

Y 3.C 72 : 1 date — Annual reports.
Y 3.C 72 : 2 CT — General publications.

Federal Council on Aging.

Y 3.F 31/15 : 9 CT — Addresses.

Oliver Wendell Holmes Devise Permanent Committee.

Y 3.H 73 : 1/date — Annual reports.
Y 3.H 73 : 2 CT — General publications.

Interdepartmental Committee on Nutrition for National Defense.

Y 3.In 8/13 : 1 date — Reports.
Y 3.In 8/13 : 2 CT — General publications.
Y 3.In 8/13 : 3–5 Reserved
Y 3.In 8/13 : 6 CT — Regulations, rules and instructions.

Interdepartmental Committee on Civilian Compensation.

Y 3.In 8/14 : 1/date — Reports.
Y 3.In 8/14 : 2 CT — General publications.

Joint Publications Research Service.

Y 3.J 66 : 1/date — Annual reports.
Y 3.J 66 : 2 CT — General Publications.
Y 3.J 66 : 3–7 Reserved
Y 3.J 66 : 8/nos — JPRS (NY) reports.
Y 3.J 66 : 9/nos — JPRS/DC-reports.
Y 3.J 66 : 10/nos — JPRS (DC) L-(series).
Y 3.J 66 : 11/nos — JPRS (NY) L-(series).

Lincoln Sesquicentennial Commission.

Y 3.L 63 : 1/date — Reports.

Y 3.L 63 : 2 CT ..... General publications.
Y 3.L 63 : 3–6/Reserved
Y 3.L 63 : 7/date ..... Press releases.

Missouri Basin Inter-Agency Committee.

Y 3.M 69 : 3–7 Reserved
Y 3.M 69 : 8/date ..... Annual report on programming.
NOTE.—See, for earlier class, Y 3.M 69 : 2 L 22/date.

Rural Development Program Committee.

Y 3.R 88/2 : 1/date ..... Annual reports.
Y 3.R 88/2 : 2 CT ..... General publications.
Y 3.R 88/2 : 3–7 Reserved
Y 3.R 88/2 : 8/nos ..... Rural resource leaflets.
NOTE.—This class replaces and cancels A 21.25/2 :(nos.), which was listed in the July and Dec. 1957 Monthly catalogs.
Y 3.R 88/2 : 9/nos ..... Rural Development Program news (irregular). [Proc.]
NOTE.—See, for earlier class, A 21.25 :(nos.).

Saint Lawrence Seaway Development Corporation.

Y 3.Sa 2 : 10 CT ..... Addresses.

Tennessee Valley Authority.

Y 3.T 25 : 28–2/nos ..... Forest products industry notes. [Proc.]
Y 3.T 25 : 32/date ..... Report on scientific research projects conducted during fiscal year. [Proc.]

Astronautics and Space Exploration, Select Committee on, House.

Y 4.As 8 : CT ..... Publications.

Space and Astronautics, Special Committee on, Senate.

Y 4.Sp 1 : CT ..... Publications.

Washington Metropolitan Problems Joint Committee.

Y 4.W 27/2 : CT ..... Publications.

Discontinued Series

Agriculture Department.

A 1.4/2 : nos ..... Circulars.
NOTE.—Discontinued with no. 982 of July 1956.
A 1.86 : nos ..... Household food consumption survey 1955, report.
NOTE.—No. 13 completes the series.

Federal Extension Service.

A 43.29/2 : date ..... Garden facts for garden leaders (bimonthly).
NOTE.—Discontinued with Nov. 8, 1957 issue.

Agricultural Marketing Service.

A 88.15/7 : date ..... Dairy and poultry market news, commercial poultry slaughter report (weekly).
NOTE.—Discontinued with issue for week ended June 8, 1957.

Census Bureau.

C 3.218 : date ..... Reconditioned steel barrels and drums report (quarterly).
NOTE.—Discontinued with issue for 4th quarter 1957.

Coast and Geodetic Survey.

C 4.41 : nos ..... Journal.
NOTE.—Discontinued with no. 7 of Oct. 1957. Superseded by a series of Technical bulletins.

Weather Bureau.

C 30.9 : date & nos ..... Weekly weather and crop bulletin, cotton region summary.
NOTE.—Discontinued with the 1957 series.

Foreign Commerce Bureau.

C 42.13/4 : nos ..... World trade information service, pt. 4, Utilities abroad.
NOTE.—Discontinued with no. 57–16 of Dec. 1957. The information formerly printed in this part will in the future appear in Part 1 of World trade information service.

Air Force Department.

D 301.48:-51/2: Supplementary flight information documents.
NOTE.—Replaced by United States Air Force and United States Navy flight planning document.

Federal Reserve System Board of Governors.

FR 1.42: date Employment in nonagricultural establishments (monthly: G.12.4).
NOTE.—Discontinued with issue of Sept. 9, 1958. Statistics which have appeared in this release will be included in the Bureau of Labor Statistics monthly preliminary employment release (L 2.41/3: nos.).

Federal Credit Unions Bureau.

FS 3.307: date New Federal credit union charters, quarterly report of organization.
NOTE.—Discontinued with issue of Mar. 31, 1958.

Prisons Bureau.

J 16.14: v.nos.& nos Outlook (quarterly).
NOTE.—Discontinued with v. 23, no. 2, Summer 1957.

Employment Security Bureau.

L 7.59: date Selected agricultural activities of public employment offices (monthly).
NOTE.—Discontinued with issue for June 1957.

L 7.63: date Local shortages in selected scientific and engineering occupations (bimonthly).
NOTE.—Discontinued with issue of Mar. 1958. Replaced by current labor market conditions for engineering, scientific, and technical personnel (L 7.63/2: date).

Post Office Department.

P 1.20: date Appropriations for and legislation affecting Post Office Department (annual).
NOTE.—Discontinued with issue for fiscal year 1954.

Atomic Energy Commission.

Y 3.At 7: 27/v.nos.& nos Isotopics announcements of isotopes extension, Division of Civilian Application (quarterly).
NOTE.—Discontinued with v. 6, nos. 2 and 3, July 1956.

Y 3.At 7: 32/date Nuclear notes for industry (monthly).
NOTE.—Discontinued Aug. 30, 1957.

Corrections for Previous Monthly Catalogs

Feb. 1958. Entry 2192, Federal supply classification: pt. 3, Alphabetic index, Feb. 1956 revision, supplement. Correct the dates of the supplements to read: July–Oct. 1957. Correct the bracket note to read: [These are 17th–20th cumulative supplements to basic pt. 3, dated Feb. 1958.]

Oct. 1958. Entry 13221, 14th International Dairy Congress, held at Rome, Italy, Sept. 24–28, 1956, report of delegation of United States to Secretary of State. Change classification from A 77.602: In 8/956 to A 77.202: D 14/956. This publication, correctly classified, was listed in Entry 7751 in the July 1958 Monthly catalog.

Nov. 1958. Entry 16220, JPRS (NY) report 784, Soviet abstracts: Biology, sec. B, General biology (v. 4, 1958). Add L. C. card 58-61012.

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AERONAUTICS BUREAU (Navy), Defense Dept.

16640 **Airplane power plants; prepared in co-ordination with Naval Air Training Command by Office of Chief of Naval Operations.** [1957.] [1]+iv+[275] p. il. 1 pl. 4° (NAVAER 00-80T-42; OP-56.) [Issued in loose-leaf form. Plate and some of the illustrations are colored.] * Stiffboard, $2.50. ● Item 374
L. C. card 58-62393 D 202.2: Ai 7/2

16641 **Errata sheet, Navy marine climatic atlas of world: v. 2, North Pacific Ocean.** July 1958. [5] leaves, il. oblong f° [Includes revised charts 14, 52, 90 and 128.] (NAVAER 50-1C-529.) † ● Item 374
D 202.2: At 6/v.2/errata

AGRICULTURAL CONSERVATION PROGRAM SERVICE, Agriculture Dept.

16642 **Agricultural conservation program handbook for 1959: Connecticut;** Oct. 1958. [1958.] iii+27 p. (ACP-1959-Conn.) † ● Item 103-A-6
L. C. card 56-37555 A 90.8: C 76/959

16643 —— **Delaware;** Oct. 1958. [1958.] iii+27 p. il. (ACP-1959-Del.) † ● Item 103-A-7
L. C. card 56-37555 A 90.8: D 37/959

16644 —— **Florida;** Nov. 1958. [1958.] iii+36 p. (ACP-1959-Fla.) † ● Item 103-A-8
L. C. card 56-37555 A 90.8: F 66/959

16645 —— **Massachusetts;** Oct. 1958. [1958.] ii+17 p. il. (ACP-1959-Mass.) † ● Item 103-A-19
L. C. card 56-37555 A 90.8: M 38/959

16646 —— **Nevada;** Oct. 1958. [1958.] iii+26 p. (ACP-1959-Nev.) † ● Item 103-A-26
L. C. card 56-37555 A 90.8: N 41/959

16647 —— **Oklahoma;** Nov. 1958. [1958.] ii+34 p. (ACP-1959-Okla.) † ● Item 103-A-34
L. C. card 56-37555 A 90.8: Ok 4/959

16648 —— **Pennsylvania;** Nov. 1958. [1958.] iii+43 p. il. (ACP-1959-Pa.) † ● Item 103-A-36
L. C. card 56-37555 A 90.8: P 38/959

16649 —— **Rhode Island;** Nov. 1958. [1958.] ii+22 p. il. (ACP-1959-R. I.) † ● Item 103-A-37
L. C. card 56-37555 A 90.8: R 34/959

16650 —— **Vermont;** Oct. 1958. [1958.] [1]+4 p. (ACP-1959-Vt.) † ● Item 103-A-43
L. C. card 56-37555 A 90.8: V 59/959

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

AGRICULTURAL MARKETING SERVICE, Agriculture Dept.

AMS (series). A 88.40: (nos.)

16651 271. Cotton fiber and processing test results, crop of 1958, supp. 6; [prepared in Standards and Testing Branch]. Nov. 7, 1958. 24 p. 4° (Cotton Division.) [Processed.] †

16652 278. Cotton fiber and processing properties as related to grades; [prepared in Standards and Testing Branch, Cotton Division]. Oct. 1958. [2]+73 p. 4° † ● (Special offer).
L. C. card Agr 58-284

16653 Availability of selected fruits and juices in retail food stores, Aug. 1958. Oct. 1958. 12 p. il. 4° (CPFJ-71.) [Processed.] † A 88.12/4: 71

16654 Consumer purchases of fruits and juices by family characteristics, Apr.-Sept. 1957. [Oct. 1958.] cover title, p. 3-27 il. 4° (CPFJ-60.) [Processed. Text on p. 2 of cover. Page 27, last page of text, on p. 3 of cover.] † A 88.12/4: 60

16655 Milk production. Nov. 13, 1958. 8 p. il. 4° (DA 1-1 (11-58); Crop Reporting Board.) [Processed. Special in this issue, 1958 pasture season.] † A 88.14/2: 958/11

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept.

ARS (series). † A 77.15: (nos.)

16656 44-10. Turkey ROP summary, 1958; [compiled by Animal Husbandry Research Division]. Oct. 1958. [2] p. 4° [Processed.]

16657 44-12. Digest of laws and regulations affecting sale of hatching eggs, chicks and poults. Oct. 1958. 8 p. oblong 8° [Processed. Supersedes ARS 53-12.]

16658 List of publications of Pesticide Chemicals Research Laboratories, Jan. 1-June 30, 1958. 2 leaves, 4° (Entomology Research Division, Beltsville, Md.) [Processed.] † A 77.318: 958

Research achievement sheet R. A. S. (series). [Processed.] †

16659 200. High-shear refining improves quality and yield of cottonseed oil [with reference data]. Nov. 1958. [2] p. 4° A 77.7: 200

AGRICULTURE DEPARTMENT

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

Agriculture information bulletins. ● Item 4 A 1.75: (nos.)

16660 201. Balance sheet of agriculture, 1958; [by F. L. Garlock and others]. [Nov. 1958.] [2]+30 p. il. 4° (Agricultural Research Service.) * Paper, 20c.
L. C. card Agr 45-296

16661 202. Economic position of fertilizer use in United States; [by D. B. Ibach and R. C. Lindberg]. [Nov. 1958.] 31 p. il. 4° (Agricultural Research Service.) * Paper, 20c.
L. C. card Agr. 58-348

Farmers' bulletins. ● Item 9 A 1.9: (nos.)

16662 1330. Parasites and parasitic diseases of sheep; [by J. T. Lucker and A. O. Foster]. [Revised May 1957, slightly revised Oct. 1958.] [1958.] [2]+50 p. il. * Paper, 20c.

16663 1692. Bean diseases and their control; [by W. J. Zaumeyer and H. Rex Thomas]. [Revised Sept. 1949, slightly revised May 1958]. [1958.] [2]+38 p. il. ([Agricultural Research Service.]) [Original version by L. L. Harter and W. J. Zaumeyer.] * Paper, 15c.

16664 1972. Poison-ivy, poison-oak, and poison sumac, identification, precautions, eradications; [by Donald M. Crooks and Leonard W. Kephart]. [Aug. 1945, slightly revised Oct. 1958.] [1958.] ii+30 p. il. ([Crops Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1166, Poison ivy and poison sumac and their eradication.] * Paper, 15c.

16665 2002. For insurance against drought, soil and water conservation; [by Tom Dale in collaboration with subject-matter specialists]. [Mar. 1950, slightly revised Oct. 1958.] [1958.] ii+22 p. il. ([Soil Conservation Service.]) * Paper, 15c.
L. C. card Agr 58-374

16666 2019. Ornamental hedges for Central Great Plains; [by A. C. Hildreth]. [Oct. 1950, slightly revised Mar. 1958.] [1958.] [2]+26 p. il. ([Agricultural Research Service.]) * Paper, 15c.

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16667 2121. Disk plows; [by I. F. Reed], [Nov. 1958.] 12 p. il. ([Agricultural Research Service.]) [Supersedes Farmers' bulletin 1992, Disk plows and their operation.] * Paper, 10c.
L. C. card Agr 58-357

16668 2127. Light horses. [Nov. 1958.] 48 p. il. [Prepared by M. E. Ensminger, Department of Animal Science, State College of Washington, Pullman, Wash., in cooperation with Animal Husbandry Research Division, Agricultural Research Service. Supersedes Farmers' bulletin 952, Breeds of light horses.] * Paper, 20c.
L. C. card Agr 58-373

Home economics research report.

16669 6. Automatic clothes dryers, their performance and effect on certain fabric properties [with list of literature cited; by Enid Sater Ross, and others]. [Oct. 1958.] 28 p. 4° (Agricultural Research Service.] * Paper, 20c. ● Item 11-B
L. C. card Agr 58-360 A 1.87 : 6

Leaflets. ● Item 12 A 1.35 : (nos.)

16670 124. Sash greenhouses. [Revised July 1958.] [1958.] 8 p. il. ([Crops Research Division, Agricultural Research Service.]) * Paper, 5c.

16671 219. Home fruit garden in Southeastern and Central Southern States; [Prepared by Horticultural Crops Research Branch, Agricultural Research Service]. [Revised Dec. 1951, slightly revised Oct. 1958.] [1958.] 8 p. il. * Paper, 5c.
L. C. card Agr 58-361

16672 227. Home fruit garden in Northeastern and North Central States; [prepared by Crops Research Division, Agricultural Research Service]. [Revised Sept. 1952, slightly revised Apr. 1958.] [1958.] 8 p. il. * Paper, 5c.
L. C. card Agr 58-378

16673 439. Spring-flowering bulbs; [prepared by Crops Research Division, Agricultural Research Service]. [Nov. 1958.] 8 p. il. * Paper, 5c.

Marketing research reports. ● Item 13-B A 1.82 : (nos.)

16674 250, supp. Statistical supplement to handling bales of cotton in public warehouses, methods and equipment; [by Charles D. Bolt and Jo Brice Wilmeth]. [Oct. 1958.] cover title, ii+67 p. 4° (Agricultural Marketing Service, Marketing Research Division.) * Paper, 45c.
L. C. card Agr 58-339

16675 277. Farm-retail price spreads for cotton products [with list of literature cited; by Kathryn Parr]. [Oct. 1958.] [2]+17 p. il. 4° (Agricultural Marketing Service, Marketing Research Division.) * Paper, 15c.
L. C. card Agr. 58-377

16676 283. Rendering inedible animal fats, analysis of practices in Pennsylvania and Minnesota [with bibliography; by John W. Thompson]. [1958.] [2]+vi+62 p. il. 4° (Agricultural Marketing Service, Marketing Research Division.) * Paper, 35c.
L. C. card Agr 58-310

Miscellaneous publications. ● Item 13-A A 1.38 : (nos.)

16677 689. Your farmhouse heating; [prepared by Agricultural Research Service]. [Dec. 1949, slightly revised Oct. 1958.] [1958.] 24 p. il. 4° [Supersedes Farmers' bulletin 1698, Heating farm home.] * Paper, 20c.
L. C. card Agr 58-368

16678 771. Helping rural youth choose careers [with list for further reading; by Edward V. Pope]. Oct. 1958. 8 p. il. (Federal Extension Service.) * Paper, 5c.
L. C. card Agr 58-369

Statistical bulletins. ● Item 15 A 1.34 : (nos.)

16679 237. Sweetpotatoes, estimates in hundred-weight, by States, 1868-1953, acreage, yield, production, price, value, farm disposition; [prepared by Reginald Royston and Oakley M. Frost]. Sept. 1958. cover title, [1]+38 p. 4° (Agricultural Marketing Service, Crop Reporting Board; Pot. 2-1 (9-58).) * Paper, 30c.
L. C. card Agr 58-372

16680 238. Rice, popcorn, and buckwheat, acreage, yield, production, price, value, by states, 1866-1953; [prepared by Charles E. Burkhead, John W. Kirkbride, and William B. Hudson]. Oct. 1958. 64 p. 4° (Agricultural Marketing Service, Crop Reporting Board.) * Paper, 40c.
L. C. card Agr 58-379

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Library list. †

16681 66. Economics of irrigation in Eastern United States, list of annotated references; [compiled by Elizabeth Gould Davis, Edna S. Suber, and Wayne F. Ehlers]. Oct. 1958. 68 p. il. 4° [Processed.]
L. C. card Agr 58-30 A 17.17 : 66

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AIR FORCE DEPARTMENT, Defense Dept.

AFCRC technical report TR (series). (Air Force Cambridge Research Center, Air Research and Development Command.) [Processed.] Φ (Price upon application if not given in entry). D 301.45/4: (nos.)

16682 58–156. Relative efficiency of present VHF ionospheric "bursts" and "continuous scatter" long-distance communication techniques [with list of references; by] T. F. Rogers. June 1958. v+27+[4] p. il. 4° (ASTIA document AD152435, Communication Sciences Laboratory, Electronics Research Directorate.) [Pages in brackets at end of collation consist of detachable card catalog entries.]

16683 58–161. Gaseous equilibria in carbon-silicon binary system; [by] J. Smiltens. July 1958. vii+34+[5] p. il. 4° (ASTIA document AD152446, project 5620, task 56202; Electronic Material Sciences Laboratory, Electronics Research Directorate. [Pages in brackets in collation consist of detachable card catalog entries. Includes Supplement, 1 p. 4°.]

Air Force manual AFM (series). D 301.7: (nos.)

16684 27–3. Programming: Materiel programming procedures (budgeting-buying); Oct. 15, 1958. [1958.] cover title, iii+42 p. il. 4° [Issued with perforations. Supersedes AFM 27–3, Sept. 1, 1954.] ‡

16685 39–9F. Enlisted personnel: Enlistment and reenlistment in regular Air Force Change; Oct. 17, 1958. [1958.] [4] p. 4° [Issued in loose-leaf form.] ‡

16686 50–6. Training: Instructors manual for pressure suit training [with lists of references]; Oct. 1, 1958. [1958.] vii+56 p. il. 4° [Issued in loose-leaf form. Supersedes AFM 50–6, Mar. 1956 and AFM 50–6A, June 10, 1957.] ‡
L. C. card 58–62386

16687 50–7. AF unit, training standard: no. 100–5, Aeromedical transport squadrons; Oct. 13, 1958. [1958.] 2 p. 4° [Issued with perforations. Supersedes AF unit training standard 100–5, May 15, 1952.] ‡

16688 Same: no. 100–10, Strategic support squadrons; Oct. 10, 1958. [1958.] [2] p. 4° [Issued with perforations. Supersedes UTS 100–10 (formerly UTS 20–51) Jan. 31, 1952.] ‡

16689 Same: no. 120–2, MATS troop carrier squadrons and group (heavy); Oct. 20, 1958. [1958.] 2 p. 4° [Issued with perforations. Supersedes AF unit training standard 120–2, Jan. 31, 1952.] ‡

16690 67–1. USAF supply manual: v. 1 [Basic AF supply procedures], amdt. 65A; Oct. 15, 1958. [1958.] ii+[2] p. 4° [Issued in loose-leaf form.] ‡ ● Item 421

16691 Same: v. 6 [Accounting for lost, damaged or destroyed property], amdt. 9; Nov. 17, 1958. [1958.] ii+[26] p. 4° [Issued in loose-leaf form.] ‡ ● Item 421

16692 Same: v. 16 [Support of tactical units on rotation, new and revised pages], amdt. 8; Nov. 17, 1958. [1958.] ii+[26] p. 4° [Issued in loose-leaf form.] ‡ ● Item 421

16693 Same: v. 20 [Weapon system supply procedures], amdt. 3; Nov. 28, 1958. [1958.] ii+[26] p. 4° [Issued in loose-leaf form.] ‡ ● Item 421

16694 Same: v. 23 [Supply support for selected missiles]; Nov. 17, 1958. [1958.] ii+[188] p. 4° [Issued in loose-leaf form.] ‡ ● Item 421
L. C. card 53–63321

16695 Same: v. 23 [Supply support for selected missiles], amdt. 1; Nov. 17, 1958. [1958.] ii+[28] p. 4° [Issued in loose-leaf form.] ‡ ● Item 421

16696 74–3. See Supplies and Accounts Bureau, Military Petroleum Supply Agency, Petroleum procurement inspection manual.

16697 75–37B. Transportation: Preparation for overseas movement of Air Force units, Change; Oct. 17, 1958. 1958. 1 p. 4° [Issued in loose-leaf form.] ‡

16698 85–4. Installations, general: Maintenance and construction methods for buildings and structures; Oct. 1, 1958. [1958.] x+363 p. il. 4° ‡ ● Item 421

16699 100–10. USAF communications-electronics doctrine: Master index; July 1, 1958. [1958.] xii+[74] p. 4° [Issued with perforations. Short title: CED 1000.] ‡ ● Item 421

16700 100–22C. USAF communications-electronics doctrine: Commercial communications services, [Change]; Aug. 18, 1958. [1958.] [13] p. 4° [Issued in loose-leaf form.] ‡ ● Item 421

16701 123–1D. Inspector General: Manual for Air Force inspectors, Change; Oct. 20, 1958. [1958.] [1]+2 p. 4° [Issued in loose-leaf form.] ‡

16702 170–12C. Comptroller: Airlift Service, Air Force Industrial Fund [Change]; Nov. 3, 1958. [1958.] vi+[52] p. 4° [Issued in loose-leaf form.] ‡

16703 171–4. Statistical services: Air Force Reserve personnel accounting; Oct. 30, 1958. [1958.] cover title, iv+32 p. 4° [Issued with perforations. Supersedes AFM 171–4, June 1, 1958, including Change 171–4A, Sept. 19, 1958.] ‡

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Air Force pamphlets AFP (series). D 301.35:(nos.)

16704 34-1-7. See Armed Forces Information and Education Office, DOD pamphlet 6-9.

16705 92-1-1. Fire protection and aircraft rescue: Fire fighting guidance nuclear weapons; Oct. 15, 1958. [1958.] cover title, [1]+5 p. 4° [Issued with perforations.] ‡
L. C. card 58-61169

16706 160-7-2A. Medical service: Boards of medical officers; Nov. 4, 1958. [1958.] 3 p. 4° [Issued with perforations.] ‡

16707 160-8-708. Medical service: Medical materiel items newly stock listed; Oct. 29, 1958. [1958.] 8 p. 4° [Issued with perforations.] ‡

16708 160-8-858. Medical service: Deletion of medical materiel items; Oct. 22, 1958. [1958.] 3 p. 4° [Issued with perforations.] ‡

16709 160-8-951A. Medical service: Medical materiel substitutions, Change; Nov. 4, 1958. [1958.] [2]+4 p. 4° [Issued in loose-leaf form.] ‡

16710 160-12-3. See Army Department, Technical bulletin MED 255.

16711 History of Research in subgravity and zero-G at Air Force Missile Development Center, Holloman Air Force Base, N. Mex., 1948-58 [with bibliography; by David Bushnell]. [1958.] [5]+46 p. 4° (Historical Branch, Office of Information Services, Air Force Missile Development Center, Air Research and Development Command.) [Processed.] †
L. C. card 58-62257 D 301.45: Sul/948-58

16712 Index of specifications and related publications (used by) Air Force, military index, v. 4. Oct. 1, 1958, revised Aug. 30, 1958. [1958.] cover title, iii+544 p. 4° (Air Research and Development Command, Wright Air Development Center, Wright-Patterson Air Force Base, Ohio.) [Semiannual with cumulative monthly supplements in intervening months. Issued with perforations.] * Paper, $2.50 (including basic index and 5 monthly cumulative supplements), $1.00 additional for foreign mailing. ● Item 424-A
L. C. card 51-60932 D 301.28: 958-2

16713 Interim glossary, aero-space terms. [Air Force-GAFB, Ala.] Mar. 1958. iv+35 p. oblong 32° ([Air University documentary research study (AU-282-58-RSI).]) [Processed.] †
L. C. card 58-61455 D 301.26/3: Ae 8

16714 Major achievements in biodynamics, escape physiology at Air Force Missile Development Center, Holloman Air Force Base, N. Mex., 1953-58. [1958.] cover title, iv+[1]+56 p. 2 por., 4 pl., 4° (Historical Division, Office of Information Services, Air Force Missile Development Center, Air Research and Development Command.) † Air Force Missile Development Center, Holloman Air Force Base, N. Mex.
L. C. card 58-62031 D 301.45: B 52/953-58

16715 Research accomplishments in biodynamics, deceleration & impact at Air Force Missile Development Center, Holloman Air Force Base, N. Mex., 1955-58. [1958.] cover title, [77] p. 6 pl., 4° (Historical Division, Office of Information Services, Air Force Missile Development Center, Air Research and Development Command.) † Air Force Missile Development Center, Holloman Air Force Base, N. Mex.
L. C. card 58-62354 D 301.45: B 52/2/955-58

Specification bulletin. [Issued with perforations.] ‡

16716 129a. Weapon system functional area index; Aug. 20, 1958. The Republican Press, Hamilton, Ohio, Oct. 8, 1958. 16 p. 4° [Processed. Supersedes 129, Dec. 7, 1956.] D 301.19: 129a

Technical report, AFPTRC-TR (series). (Air Force Personnel and Training Center, Air Research and Development Command, Lackland Air Force Base, San Antonio, Tex.) [Processed.] Φ (Price upon application.)

16717 58-12. Reactions of group of former Air Force lieutenants to two years of civilian life [with list of references]; Alan C. Kerckhoff (editor). Feb. 1958. vii+60 p. 4° (ASTIA document AD 152 126, project 7731, task no. 77446; Office for Social Science Programs.) D 301.36/2: 58-12

16718 [United States Air Force and Navy flight planning document] revision notice and check list, North American area. Oct. 1, 1958. [4]+18 p. il. 4° [Processed. Issued in loose-leaf form.] ‡ D 301.52: 958/rev.-1

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16719 [United States Air Force and Navy flight planning document] revision notice and check list, North American area. Oct. 1, 1958. [1]+3-6 p. 4° [Processed. Issued in loose-leaf form.] ‡ D 301.52 : 958/rev.-2

WADC technical notes. (Wright Air Development Center, Air Research and Development Command.) [Processed.] D 301.45/13 : (nos.)

16720 58-60. Perceptual performance and effective person [with list of references]; by Richard S. Crutchfield, Donald G. Woodworth, and Ruth E. Albrecht, Institute of Personality Assessment and Research, University of California, Berkeley. Apr. 1958. x+85+[4] p. il. 4° (ASTIA document AD 151 039, project 7730, task 77353, contract AF 18 (600)-8; Personnel Laboratory, Lackland Air Force Base, Tex.) Φ (Price upon application.)

16721 58-66. Survey of potential morale, motivation, and retention problems at ballistic missile sites [with list of references]; by E. S. Ewart. Oct. 1958. v+36+[4] p. 4° (ASTIA document AD 203 399, project 7719, task 17119; Personnel Laboratory, Lackland Air Force Base, Tex.) Φ (Price upon application.)

WADC technical reports. (Wright Air Development Center, Air Research and Development Command.) [Processed.] D 301.45/5 : (nos.)

16722 58-90. Relationships between airman interests and career satisfaction [with list of references; by] Frances M. Carp. Mar. 1958. iv+23+[4] p. 4° (ASTIA document AD 151 038, project 7719, task 17008, contract AF 41 (657)-60; Personnel Laboratory, Lackland Air Force Base, Tex.) Φ (Price upon application.)
L. C. card 58-62329

16723 58-94 (1). Development of airman qualifying examination, forms D and E, pt. 1 [with list of references]; by C. A. Thompson. Aug. 1958. ix+14+[4] p. 4° (ASTIA document AD 151045, project 7717, task 87005; Personnel Laboratory, Lackland Air Force Base, Tex.) Φ (Price upon application.)

AIR FORCE MEDICAL SERVICE, Defense Dept.

16724 5th annual report of USAF Medical Service July 1, 1956-June 30, 1957; prepared by Office of Surgeon General, United States Air Force. [1958.] x+474 p. il. ‡ ● Item 428-A
L. C. card 53-63750 D 304.1 : 957

ARMED FORCES INFORMATION AND EDUCATION OFFICE, Defense Dept.

DOD pamphlet.

16725 6-9. Armed Forces life insurance handbook [with list of references; Oct. 9, 1958]. [1958.] cover title, [2]+iv+40 p. 4° ([Army Dept.] DA pamphlet 355-118; [Navy Dept.] NAVPERS 15917 and NAVMC 1195; [Air Force Dept.] AFP 34-1-7.) ‡ ● Item 312-A
L. C. card 58-62389 D 2.14 : 6-9

ARMY DEPARTMENT, Defense Dept.

Field manual FM (series).

16726 23-5. U. S. rifle, caliber .30, M 1 [with list of references]; Sept. 1958. [1958.] cover title, 382 p. il. 16° [Supersedes FM 23-5, Oct. 2, 1951, including Changes 1 and 2, Nov. 17, 1954, and July 1, 1955, and TC 23-1, Feb. 24, 1955.] * Paper, $1.50. ● Item 324 D 101.20 : 23-5/2

Pamphlets. D 101.22 : (nos.)

16727 12-643. Enlisted evaluation system: MOS proficiency test aid for truckmaster (MOS code 643) [with list of study references]; Oct. 1958. [1958.] [1]+7 p. ‡ ● Item 327

16728 12-701. Enlisted evaluation system: MOS proficiency test aid for information specialist (MOS code 701) [with list of study references]; Oct. 16, 1958. [1958.] [1]+5 p. ‡

16729 12-722. Enlisted evaluation system MOS proficiency test aid for cryptographer (MOS code 722) [with list of study references]; Oct. 1958. [1958.] [1]+5 p. ‡ ● Item 327

16730 12-763. Enlisted evaluation system: MOS proficiency test aid for ordnance supply specialist (MOS code 763) [with list of study references]; Oct. 1958. [1958.] [1]+6 p. ‡ ● Item 327

16731 12-764. Enlisted evaluation system: MOS proficiency test aid for quartermaster supply specialist (MOS code 764) [with list of study references]; Oct. 1958. [1958.] [1]+5 p. ‡

16732 12-767. Enlisted evaluation system MOS proficiency test aid for medical supply specialist (MOS code 767) [with list of study references]; Oct. 1958. [1958.] [1]+7 p. ‡ ● Item 327

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16733 12–776. Enlisted evaluation system: MOS proficiency test aid for transportation parts specialist (MOS code 776) [with list of study references]; Oct. 1958. [1958.] [1]+6 p. ‡ ● Item 327

16734 12–914. Enlisted evaluation system: MOS proficiency test aid for neuropsychiatric specialist (MOS code 914) [with list of study references]; Oct. 1958. [1958.] [1]+6 p. ‡ ● Item 327

16735 20–21. Army school catalog, Changes 50; Oct. 17, 1958. [1958.] [13] p. [Issued in loose-leaf form.] ‡ ● Item 327

16736 20–21. Army school catalog, Changes 51; Oct. 20, 1958. [1958.] [45] p. [Issued with perforations.] ‡ ● Item 327

16737 20–21. Same: Changes 52; Oct. 27, 1958. [1958.] [22] p. [Issued in loose-leaf form.] ‡ ● Item 327

16738 355–118. See Armed Forces Information and Education Office, DOD pamphlet 6–9.

16739 715–50–33. Procurement legal service; Oct. 20, 1958. [1958.] 14 p. [Issued with perforations.] ‡ ● Item 327

16740 715–50–34. Procurement legal service; Oct. 24, 1958. [1958.] 15 p. [Issued with perforations.] ‡ ● Item 327

16741 715–50–35. Procurement legal service; Nov. 5, 1958. [1958.] 11 p. [Issued with perforations.] ‡ ● Item 327

Poster.

16742 21–41. History of Army: First at Vicksburg, U. S. Army in action. Revised June 15, 1955. 1955. 20 by 24 in. (no. 5) [Illustrator, H. Charles McBarron, jr. This poster may be cut for framing.] * Paper, 20c.
D 101.35 : 21–41/2

Technical bulletin TB (series).

16743 MED–255. Care and management of laboratory animals [with list of references]. May 1958. cover title, 112 p. il. 4° ([Air Force Dept] Air Force pamphlet 160–12–3.) [Issued with perforations.] * Paper, 55c.
D 101.25 : MED–255

Technical manual TM (series). ● Item 329 D 101.11 : (nos.)

16744 11–662. Basic theory and application of electron tubes, Changes 2; Apr. 21, 1958. [1958.] 2 p. 4° * Paper, 5c.

16745 11–668. F-M transmitters and receivers, Changes 1; May 7, 1958. 1958. 1 p. 4° * Paper, 5c.

16746 11–2249–25. Maintenance, teletypewriter sets, AN/TGC–5 and AN/TGC–5X; June 1958. [1958.] cover title, 524 p. il., 32 pl. in pocket, 4° ‡
L. C. card 58–62357

16747 30–548. Soviet topographic map symbols; June 1958. [1958.] cover title, ii+104+[1] p. il. [Some of the symbols are colored.] * Paper, $1.00.
L. C. card 58–62387

16748 715–9100–1. See Supplies and Accounts Bureau, Military Petroleum Supply Agency, Petroleum procurement inspection manual.

16749 6665–200–12. Radiacmeter IM–108/PD, operation and organizational maintenance; Nov. 1958. [1958.] cover title, 24 p. il. 2 p. of pl., 16° ‡

ATOMIC ENERGY COMMISSION

AEC research reports. Y 3.At 7 : 22/(letters–nos.)

16750 AEC–tr–3307. Problems of Marcoule plutonium plant and their solutions, by R. Galley; translated by C. E. Stevenson. [1958.] cover title, 38 p. il. 4° [Processed. From Energie nucleaire, v. 2, no. 1, Jan.–Mar. 1958.] Φ Paper, $1.25.

16751 AECD–4258. Safeguard report, Livermore pool type reactor [with bibliography]; edited by Robert L. Detterman. 1956. cover title, 118 p. il. 4° (Foster Wheeler Corporation, New York, N. Y.) [Processed. Declassified Jan. 17, 1957.] Φ Paper, $2.75.

16752 AECU–3607 (v. 1, 2). Final physics report for engineering test reactor; by I. B. Wolfe, W. Cegelski, W. Mackell. xxv+561 p. il. 4° (Atomic Power Equipment Department, General Electric Company, Schenectady, N. Y.) [Processed.] Φ Paper, $7.00 per set (2 vols.).

16753 APAE–29. Corrosion product activity in primary system of Army package power reactor [with bibliography]. Apr. 15, 1958. v+70 p. il. 4° (Alco Products, Inc., Schenectady, N. Y.) [Processed.] Φ Paper, $2.00.

16754 ASAE–S–8. Plutonium recycle in Calder hall type reactor; by L. J. Barbieri, J. W. Webster, K. T. Chow. Jan. 1, 1958. iii+1–9A+10–107 p. il. 4° (Atomic Energy Division, American-Standard, Mountain View, Calif.) [Processed.] Φ Paper, $2.50.

16755 ASAE–S–10. Bibliography for nuclear and conventional merchant ships; by Frederick L. May. June 30, 1958. iii+81+[23] p. 4° (Atomic Energy Division, American-Standard, Mountain View, Calif.) [Processed.] Φ Paper, $2.50.

16756 CWR–478. Uranium 235 cross sections from Breit-Wigner analysis [with list of references]; by Devereux L. Kavanagh. June 10, 1957. cover title, 3–431 p. 4° (Research Division, Curtiss-Wright Corporation, Quehanna, Pa.) [Processed.] Φ Chapter, $6.00.

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AEC research reports—Continued

16757 FLR-1. System evaluation of flowable solids reactor, phase 1 summary report: Fuel study [with lists of references]; by R. C. Oliver [and others]. Jan. 28, 1958. cover title, ii-ix+212+A36 p. il. 4° (Fluor Corporation, Ltd., Whittier, Calif.) [Processed.] Φ Paper, $4.00.

16758 HW-54727 add. (rev.). Addendum to parametric study of gas-cooled reactor concept [with lists of references]; prepared by staff of Process Design Operation. Mar. 1, 1958. cover title, [270] p. il. 4° (Irradiation Processing Department, Hanford Atomic Products Operation, General Electric Company.) Φ (Price upon application).
● Item 1051-C

16759 ISC-851. Quantitative separation of small amounts of rare earths from thorium, uranium, and zirconium by ion exchange [with list of literature cited]; by Henry John Hettel, V. A. Fassel. Dec. 1956. v+66 p. il. 4° (Ames Laboratory, Iowa State College, Ames, Iowa.) [Processed.] Φ Paper, $2.00.

16760 ISC-940. Ionization yields for fission fragments [with bibliography]; by Nyle G. Utterback, C. L. Hammer, G. H. Miller. Aug. 1957. cover title, ii-vi+118 p. il. 4° (Ames Laboratory, Iowa State College, Ames, Iowa.) [Processed.] Φ Paper, $2.75.

16761 ISC-943. Complex metal halides in fused alkali nitrates [with bibliography]; by Marlowe L. Iverson, F. R. Duke. Dec. 1957. v+75 p. il. 4° (Ames Laboratory, Iowa State College, Ames, Iowa.) [Processed.] Φ Paper, $2.25.

16762 ISC-944. Transport numbers and ion mobilities in fused salt $KCl-PbCl_2$ [with bibliography]; by Richard A. Fleming, F. R. Duke. Dec. 1957. iv+79 p. il. 4° (Ames Laboratory, Iowa State College, Ames, Iowa.) [Processed.] Φ Paper, $2.25.

16763 ISC-947. Processing of monazite sands [with bibliography]; by John J. Barghusen, M. Smutz. Dec. 1957. vi+105 p. il. 4° (Ames Laboratory, Iowa State College, Ames, Iowa.) [Processed.] Φ Paper, $2.50.

16764 ISC-1006. Shape of phosphorus 32 beta energy spectrum [with list of references cited]; by George B. Henton, B. C. Carlson. Dec. 1957. v+63 p. il. 4° (Ames Laboratory, Iowa State College, Ames, Iowa.) [Processed.] Φ Paper, $2.00.

16765 ISC-1014. Elution of copper and neodymium from cation-exchange resin with ammonia-ethylenediaminetetraacetic acid solutions [with bibliography]; by Lyle K. Matson, F. H. Spedding. Dec. 1957. v+48 p. il. 4° (Ames Laboratory, Iowa State College, Ames, Iowa.) [Processed.] Φ Paper, $1.50.

16766 ISC-1030. Bibliography of titles of articles in field of nuclear quadrupole resonance spectroscopy of solids; by R. G. Barnes. May 1 1958, 37 p. 4° (Ames Laboratory at Iowa State College.) [Processed.] Φ Paper, $1.00.

16767 ISC-1045. Further relationships in Grunwald treatment of acid-base equilibria in hydroxylic solvents [with bibliography]; by Wilfred G. Borduin, G. S. Hammond. Dec. 1957. iv+50 p. il. 4° (Ames Laboratory, Iowa State College, Ames, Iowa.) [Processed.] Φ Paper, $1.50.

16768 ISC-1047. Tabulation, bibliography, and structure of binary intermetallic compounds: 4, Compounds of zinc, cadmium, and mercury [with list of references]; by R. M. Stanton [and others]. Aug. 1, 1958. 50 p. 4° (Ames Laboratory at Iowa State College.) [Processed.] Φ Paper, $1.25.

16769 NYO-4878. Adaptation of new research techniques to mineral engineering problems [with lists of references; by project research staff]. Apr. 30, 1958. [2]+iii+33 p. il. 4° (Department of Metallurgy, Massachusetts Institute of Technology, Cambridge, Mass.) [Processed.] Φ Paper, $1.25.

16770 NYO-7947. On chemical constitution of lignitic resin (thesis) [with list of references]; by James Joseph Tietjen. July 18, 1958. [7]+56 p. il. 4° (College of Mineral Industries, Pennsylvania State University, University Park, Pa.) [Processed.] Φ Paper, $1.75.

16771 NYO-7948. Investigation of mineralogy, petrography, and paleobotany of uranium-bearing lignites: Thesis, Uranium mineralization in some North and South Dakota lignites [with bibliography]; by Eugene Wilbert White. Apr. 2, 1958. vii+79 p. 4° (College of Mineral Industries, Pennsylvania State University, University Park, Pa.) [Processed.] Φ Paper, $2.25.

16772 SEP-249. Dimensional instability of uranium: 3, 3d annual progress report, June 30, 1957-June 30, 1958 [with list of references]; by R. Resnick, L. S. Castleman, L. Seigle. June 30, 1958. 19 p. il. 4° (Research Laboratories, Sylvania Electric Products Inc., Bayside, N. Y.) [Processed.] Φ Paper, 75c.

16773 SEP-250. Fundamentals of sintering: 3, 3d annual progress report, June 30, 1957-June 30, 1958 [with list of references]; by A. L. Pranatis, L. S. Castleman, L. Seigle. June 30, 1958. 30 p. il. 4° (Research Laboratories, Sylvania Electric Products Inc., Bayside, N. Y.) [Processed.] Φ Paper, $1.00.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16774 SEP-251. Fundamentals of diffusional bonding: 3, 3d annual progress report, June 30, 1957–June 30, 1958 [with list of references]; by L. S. Castleman, L. Seigle. June 30, 1958. 28 p. il. 4° (Research Laboratories, Sylvania Electric Products Inc., Bayside, N. Y.) [Processed.] Φ Paper, 75c.

16775 SRO-11. Research and development in field of thorium chemistry and metallurgy, v. 1, Preparation of electrolytic cell feed for production of thorium metal, final report [with list of references]; by Charles E. Fisher, James L. Wyatt. June 30, 1956. viii+135 p. il. 4° (Horizons, Inc., Cleveland, Ohio.) [Processed. Declassified June 6, 1957.] Φ Paper, $2.75.

16776 TID-3522. Peaceful uses of nuclear explosions, literature search. Oct. 1958. [2] p.+3 leaves, 4° (Technical Information Service Extension, Oak Ridge.) [Processed.] Φ Paper, 50c.

16777 UWFL-53. Radioactivity of invertebrates and other organisms at Eniwetok Atoll during 1954–55 [with list of references]; by Kelshaw Bonham. Jan. 6, 1958. vi+52 p. il. 4° (Applied Fisheries Laboratory, University of Washington, Seattle, Wash.) [Processed.] Φ Paper, $1.50.

2d United Nations International Conference on Peaceful Uses of Atomic Energy, Geneva, Switzerland, Sept. 1–13, 1958; [papers], U. S. A., June 1958, A/CONF. 15/P/(series). [Original, English.] Φ(Price upon application). Y 3.At 7: 40-2/(nos.)

16778 402. Biological factors determining distribution of radioisotopes in sea [with list of references; by] B. H. Ketchum and V. T. Bowen. [1958.] [1]+11 p. 4° [Contribution no. 968 from Woods Hole Oceanographic Institution.] ● Item 1051-C (Special offer).

16779 508. Prospects for research and development effort to decrease costs of recovering uranium from its ores, by T. B. Upchurch. [1958.] 8 p. 4°

16780 510. Amine salts as solvent extraction reagents for uranium and other metals [with list of references]; by C. F. Coleman [and others]. [1958.] 21 p. il. 4° ● Item 1051-C (Special offer).

16781 628. Highest thermal-neutron fluxes obtainable from fission reactors [with list of references; by] W. K. Ergen. June 1958. 8 p. il. 4° ● Item 1051-C (Special offer).

16782 655. Low energy neutron cross sections of U235 and their interpretation [with list of references; by] W. W. Havens, jr. and E. Melkonian. [1958.] 14+[10] p. il. 4° ● Item 1051-C (Special offer).

16783 708. Physical properties of graphite materials for special nuclear applications [with list of references; by] W. P. Eatherly [and others]. [1958.] [1]+37 p. il. 4° ● Item 1051-C (Special offer).

16784 730. On analysis of bubble chamber tracks; [by] Hugh Bradner and Frank Solmitz. [1958.] 7 p. 4° ● Item 1051-C (Special offer).

16785 813. Intermediary metabolism in ruminant including studies on rumen, liver and lactating udder [with list of references]; prepared by J. C. Shaw [and others]. [1958.] 15 p. il. 4° ● Item 1051-C (Special offer).

16786 887. Estimation of turnover equation of strontium-90 for human bones [with list of references; by] Patricia Durbin and Hardin Jones. [1958.] 4 p. 4° ● Item 1051-C (Special offer).

16787 888. Hematologic effects in man of low-level radiation exposure [with bibliography; by] R. L. Dobson and M. M. Chupp. [1958.] 18 p. il. 4° ● Item 1051-C (Special offer).

16787A 895. Experimental consideration of genetic effect of low doses of irradiation on viability in Drosophila melanogaster [with list of references; by] A. B. Burdick and T. Mukai. [1958.] 9 p. 4° ● Item 1051-C

16788 1044. Fuel cycles for nuclear power reactors [with list of references; by D. P. Herron, D. R. Mash, J. W. Webster]. [1958.] 10+[10] p. il. 4° ● Item 1051-C (Special offer).

16789 1848. TREAT, pulsed graphite-moderated reactor for kinetic experiments [with list of references; by] G. A. Freund, H. P. Iskenderian and D. Okrent. [1958.] 33 p. il. 4°

16790 2376. Theoretical analysis of highly enriched light water moderated critical assemblies [with list of references; by] M. Goldsmith [and others]. [1958.] 26 p. il. 4° ● 1051-C (Special offer).

16791 2380. Manufacture of PWR fuel elements containing high density uranium dioxide [with list of references]; by J. Glatter [and others]. [1958.] 42 p. il. 4° ● Item 1051-C (Special offer).

BUDGET BUREAU, President of United States

16792 Supplement to 1957 edition Standard industrial classification manual; [prepared by Committee on Standard Industrial Classification Interpretation and Code Assignment]. 1958. v+25 p. ([Office of Statistical Standards.]) * Paper, 15c. ● Item 856
L. C. card 57-60793 Pr 34.106: In 27/supp.

BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept.

Commercial standard CS (series). [Prepared by Office of Technical Services, Commodity Standards Division, in cooperation with National Bureau of Standards.] ● Item 243

*For Sale by Superintendent of Documents
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●Sent to Depository Libraries

489179—59—No. 767——3

16793 142–58. Automotive lifts. [3d edition.] [1958.] 21 p. il. [Effective Nov. 1, 1958. Supersedes CS 142–51.] * Paper, 15c. C 41.25 : 142–58

16794 Industrial uses of selected mineral resources. Reissued Jan. 1954. [1954.] ii+60 p. 4° (Office of Technical Services, Area Development Division.) [Processed.] † Paper, 65c.
L. C. card 58–62350 C 41.22 : M 66

Simplified practice recommendation R (series). [Issued by Office of Technical Services, Commodity Standards Division, with cooperation of National Bureau of Standards.] ● Item 249

16795 261–58. One-pound Elgin-style butter carton sizes, recorded voluntary recommendation of trade. [1958.] 7 p. il. [Effective Aug. 15, 1958.] * Paper, 5c. C 41.20 : 261–58

16796 Trends in oil, gas, and water well drilling machinery and equipment industry; prepared by Agricultural, Construction, Mining, and Oilfield Equipment Division. Oct. 1958. 6 p. 4° [Processed.] * Paper, 5c. C 41.2 : W 45

CENSUS BUREAU, Commerce Dept.

1957 census of governments: v. 2, Governmental employment, no. [Prepared under supervision of Allen D. Manvel, chief, Governments Division.] ● Item 148–A

16797 2. Compendium of public employment. [1958.] v+931 p. il. 4° * Paper, $5.00.
L. C. card 57–62053 C 3.145/4 : 957/v. 2/no. 2

Current population reports: Population characteristics, series P–20. [Processed.] C 3.186 : P–20/(nos.)

16798 86. Households and families, by type, 1950–58. Nov. 12, 1958. 4 p. 4° † Paper, 10c.

16799 87. Marital status and family status, Mar. 1958. Nov. 14, 1958. 15 p. 4° † Paper, 25c.

—— Population estimates, series P–25. [Processed.] C 3.186 : P 25/(nos.)

16800 187. Illustrative projections of population of United States, by age and sex, 1960–80; prepared by Meyer Zitter and Jacob S. Siegel. Nov. 10, 1958. cover title, i+25 p. il. 4° [Supersedes no. 123.] † Paper, 25c.

16801 188. Provisional estimates of population of United States, Jan. 1, 1950–Oct. 1, 1958. Nov. 7, 1958. 1 p. 4° † Paper, 10c.

16802 189. Provisional estimates of population of States and selected outlying areas of United States, July 1, 1958. Nov. 13, 1958. 3 p. 4° † Paper, 10c.

—— Special censuses, series P–28. [Processed.] C 3.186 :P–28/(nos.)

16803 1228. Special census of Springettsbury township, Pa., Oct. 2, 1958. Nov. 3, 1958. 1 p. 4° † Paper, 10c.

16804 1229. Special census of Fullerton, Calif., Sept. 17, 1958. Nov. 13, 1958. 2 p. 4° † Paper, 10c.

16805 1230. Special censuses conducted by Bureau of Census between July 1–Sept. 30, 1958. Nov. 14, 1958. 2 p. 4° † Paper, 10c.

Housing and construction reports, housing vacancies, series H–111. [Processed.]

16806 14. Vacant dwelling units in United States, 3d quarter, 1958. Oct. 1958. 12 p. il. 4° † Paper, 10c. C 3.215 : H–111/14

State finances, 1958, G–SF58 (series). [Processed.]

16807 4. Detail of State tax collections in 1958. Nov. 6, 1958. 30 p. 4° (Governments Division.) † Paper, 25c. C 3.141 : 958/4

16808 United States foreign trade, summary report: FT 985, United States waterborne foreign trade, calendar year 1957; [prepared in Foreign Trade Division, Shipping and Foreign Aid Branch]. Nov. 3, 1958. 10 p. 4° [Processed.] † Paper, 10c.
L. C. card 58–62349 C 3.164 : 985/957

CHILDREN'S BUREAU, Health, Education, and Welfare Dept.

Folder.

16809 46. Homemaker service. [1958.] cover title, 36 p. il. 16° ([Social Security Administration.]) * Paper, 15c. ● Item 451
L. C. card HEW 58–28 FS 3.210 : 46

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16810 Research relating to children, studies in progress on long term research, growth and development, personality and adjustment, educational process, exceptional children, the family, social, economic, and cultural influences, health services, social services, reported Mar. 1-July 31, 1958. [1958.] iv+131 p. 4° (Bulletin 8; Clearinghouse for Research in Child Life.) * Paper, $1.00. ● Item 453-A
L. C. card 52-60018 FS 3.220:8

CIVIL AERONAUTICS ADMINISTRATION, Commerce Dept.

16811 Civil aeronautics manuals: v. 2, supp. 22, Revisions to CAM 1, [Certification, identification, and marking of aircraft and related products] Nov. 1, 1956, CAM 3, [Airplane airworthiness, normal, utility, and acrobatic categories] Oct. 1956 and CAM 4b, [Airplane airworthiness, transport categories]; Jan. 1, 1958; Oct. 1, 1958. [1958.] [31] p. 4° [Issued in loose-leaf form.] * Paper, $4.00 (including basic manual and supplementary service); $1.00 additional for foreign mailing. ● Item 170
C 31.107/2:2/supp. 22

16812 —— v. 5, supp. 7, Revisions to Manual 21 [Airline transport pilot rating], Oct. 15, 1956; Oct. 15, 1958. [1958.] [12] p. 4° [Issued in loose-leaf form.] * Paper, $3.00 (including basic manual and supplementary service); 75c. additional for foreign mailing. ● Item 170
C 31.107/2:5/supp. 7

Quality control digests. ● Item 170-A C 31.166:(nos.)

16813 2. Penetrant inspection. Nov. 1958. vi+19 p. il. 4° * Paper, 30c.
16814 3. Ultrasonic flaw detection. Nov. 1958. vi+34 p. il. 4° * Paper, 30c.

Regulations of administrator.

16815 pt. 507. Airworthiness directives, effective Jan. 1, 1958. [1958.] cover title, [1]+270 p. il. 4° * Paper, $2.50, including annual supplements for indefinite period; 75c. additional for foreign mailing. ● Item 171
L. C. card 58-62324 C 31.140:507/2

16816 Statistical study of U. S. civil aircraft, as of Jan. 1, 1958. [1958.] v+41 p. il. 4° * Paper, 30c. ● Item 174-B
L. C. card 52-42396 C 31.160:958

Technical standard order TSO (series). [Processed.] †
C 31.143:(letters-nos.)

16817 N6b. Runway strength and dimensional standards for air carrier operations; Oct. 3, 1958. [1958.] 4 p. 4° [Issued with perforations. Supersedes TSO-N6a, Oct. 4, 1948].
16818 N27, N28, N29. Use of domestic non-Federal navigation facilities for CAA-approved operations, amdt. 1; Nov. 10, 1958. [1958.] 1 p. 4°

16819 United States active civil aircraft by State and county, Jan. 1, 1958; [prepared by Aviation Statistics Branch of CAA Planning and Development Office]. [1958.] v+92 p. il. 4° * Paper, 50c.
L. C. card 56-60795 C 31.132/2:958

CIVIL AERONAUTICS BOARD

16820 Accidents in aerial application activities, calendar year 1957. Oct. 31, 1958. cover title, iii+29 p. il. 4° (Bureau of Safety.) [Processed.] †
L. C. card 58-62347 C 31.244/2:957

16821 Aircraft accident report: American Airlines, Inc., Douglas DC-6A, N90782, Los Angeles International Airport, Los Angeles, Calif., Aug. 21, 1957; adopted: Oct. 13, 1958. [1958.] 7+ii p. 4° (File no. 1-0094.) [Processed. Includes supplemental data.] † C 31.213:L 93/3

Civil air regulations amendments. [Processed.] † C 31.209:(nos.)

16822 3-4. Airplane airworthiness, normal, utility, and acrobatic categories: Emergency egress from utility category airplanes, effective Oct. 6, 1958; adopted Oct. 6, 1958. [1958.] 1 p. 4°
16823 18-2. Maintenance, repair, and alteration of airframes, powerplants, propellers, and appliances: Required records, effective Nov. 5, 1958; adopted Oct. 1, 1958. [1958.] 1 p. 4°

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Civil air regulations amendments—Continued

16824 40–14. Scheduled interstate air carrier certification and operation rules: Required records, effective Nov. 5, 1958; adopted Oct. 1, 1958. [1958.] 1 p. 4°

16825 41–20. Certification and operation rules for scheduled air carrier operations outside continental limits of United States: Required records, effective Nov. 5, 1958; adopted Oct. 1, 1958. [1958.] 1 p. 4°

16826 Excerpts from address of Chairman James R. Durfee of Civil Aeronautics Board before dinner meeting of National Aviation Trades Association, Milwaukee, Wis., Nov. 13, 1958. [1958.] 3 p. 4° [Processed.] †
C 31.215 : D 93/2

16827 Local service and jet age, address by Honorable G. Joseph Minetti, member, Civil Aeronautics Board, before Association of Local and territorial Airlines, Honolulu, Hawaii, Nov. 7, 1958. Nov. 7, 1958. 8 p. 4° [Processed.] †
C 31.215 : M 66

CIVIL AND DEFENSE MOBILIZATION OFFICE, President of United States

NOTE.—The name of the Office of Defense and Civilian Mobilization, which was established by Reorganization plan No. 1 of 1958, has been changed to Office of Civil and Defense Mobilization by Public law 763, 85th Congress, 2d session, approved Aug. 26, 1958.

16828 National plan for civil defense and defense mobilization. Oct. 1958. viii+32 p. il. 4° [Issued in loose-leaf form.] †
L. C. card 58–62307 Pr 34.706 : N 21

16829 —— annex 41, Summary of annexes. [Oct. 1958.] iv+11 p. 4° [Issued in loose-leaf form.] †
L. C. card 58–62307 Pr 34.706 : N 21/annex 41

CIVIL SERVICE COMMISSION

16830 Amendment to announcement 37 local, fireman, District of Columbia Fire Department, $4,800 a year. Nov. 18, 1958. 1 p. oblong 24° [Processed.] †
CS 1.26/4 : 954/37/amdt.-3

16831 Amendment to announcement 54 local, substitute automotive mechanic, $2.12 an hour, substitute garageman, $1.82 an hour, for duty in Post Office Service at Washington, D. C. Nov. 18, 1958. 1 p. oblong 48° [Processed.] †
CS 1.26/4 : 956/54/amdt.-4

16832 Amendment to announcement 169 B, Flight operations and airworthiness inspector, $5,985 to $8,330 a year, airways flight inspector, $7,030 and $8,330 a year. Nov. 18, 1958. 1 p. oblong 48° [Processed. Amends issue 126 of AN 2279.] †
CS 1.26 : 958/169B/amdt.

16833 Discontinuance notice for announcement 51 local, substitute garageman $1.82 an hour, for duty in the post office service at Alexandria, Va. Nov. 18, 1958. 1 p. oblong 48° [Processed.] † CS 1.26/4 : 956/51/notice

16834 Discontinuance notice for announcement 411 (B): foreign language information specialist, $4,980 to $8,330 a year. Nov. 10, 1958. 1 p. oblong 48° [Processed. Amends issue 126 of AN 2279.] †
CS 1.26 : 954/411 B/notice

16835 Local and regional civil service examinations offering best job opportunities, AN 2280 [issue 75]; Nov.–Dec. 1958. [1958.] [2] p. oblong 8° folded into narrow 8° size. † ● Item 292 CS 1.28 : 2280/75

Personnel management series.

16836 14. Flexibility in Federal personnel system, guide to more effective recruitment and retention of scientists and engineers; [prepared by Lewis E. Vaughan]. Aug. 1958. vi+22 p. [Text on p. 2 and 3 of cover.] * Paper, 15c. ● Item 300–A
L. C. card 58–62358 CS 1.54 : 14

16837 Sample questions, AN 3593. July 1958. 4 p. 4° † ● Item 292
CS 1.28 : 3593

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16838 Sample questions for Federal service entrance examination, AN 3600. Aug. 1958. 4 p. il. 4° † ● Item 292 CS 1.28 : 3600

COAST AND GEODETIC SURVEY, Commerce Dept.

Magnetograms and hourly values MHV (series). [Processed. For official distribution.] ‡

16839 S1 54. Sitka, Alaska, 1954 [with list of references]. 1957. [2]+143 p. il. large 8° C 4.40/2 : S1 54

16840 United States coast pilot 5, Gulf Coast, Puerto Rico, and Virgin Islands; Mar. 22, 1958. 4th (1958) edition. 1958. 286 p. il. 4° [Corrected through Notice to mariners 12. Mar. 22, 1958. Cancels 1949 editions of Coast pilot 5, Gulf Coast, and Coast pilot 6, West Indies.] † Cloth, $2.50. ● Item 204
L. C. card 50-60257 C 4.6/4 : 5/4

COAST GUARD, Treasury Dept.

16841 Marine investigation regulations and suspension and revocation proceedings; July 1, 1958. 1958. vii+28 p. 4° (CG-200.) [Title 46, Code of Federal regulations, pts. 136 and 137.] † ● Item 943
L. C. card 48-47036 T 47.8 : M 33/2/958

COMMERCE DEPARTMENT

16842 Address by Theodore Hardeen, jr., Administrator, Defense Air Transportation Administration, Department of Commerce, scheduled for delivery at national convention of National Defense Transportation Association, St. Louis, Mo., Nov. 12, 1958. [1958.] 6 p. 4° [Processed.] † C 1.18 : H 21

16843 Export control, 45th quarterly report [under Export control act of 1949], 3d quarter 1958, to the President, Senate and House of Representatives. [1958.] cover title, iii+38 p. * Paper, 20c. ● Item 130
L. C. card 47-46567 C 1.26 : 45

16844 New dimension in world travel, text of address by Henry Kearns, Assistant Secretary of Commerce for International Affairs, scheduled for delivery to opening session of 28th World Travel Congress of American Society of Travel Agents, Inc., New York City, Nov. 3, 1958. [1958.] 6+[1] p. 4° [Processed.] † C 1.18 : K 21/2

16845 Realms of gold, text of address by Henry Kearns, Assistant Secretary of Commerce for International Affairs, scheduled for delivery to annual dinner of Travel Research Association, New York City, Nov. 12, 1958. [1958.] 7 p. 4° [Processed.] † C 1.18 : K 21/3

16846 Soviet trade strategies and how American business might meet them, text of address by Henry Kearns, Assistant Secretary of Commerce for International Affairs, scheduled for delivery to briefing session of American Management Association, New York City, Nov. 5, 1958. Revised [edition]. [1958.] 7 p. 4° [Processed.] † C 1.18 : K 21

16847 Statement of Bradley D. Nash, Deputy Under Secretary for Transportation, Department of Commerce, scheduled for delivery before Transportation Association, Nov. 12, 1958, St. Louis, Mo. [1958.] 2 p. 4° [Processed.] † C 1.18 : N 17

COMMODITY STABILIZATION SERVICE, Agriculture Dept.

16848 Bin site safety. [Revised Oct. 1958.] [1958.] cover title, [16] p. il. oblong 24° [Text on p. 1-4 of cover.] † ● Item 106
L. C. card Agr 58-380 A 82.2 : B 51/958

16849 1958 corn referendum, explanation and background. Oct. 1958. 4 p. 4° [Processed.] † A 82.2 : C 81/2

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CONGRESS

NOTE.—All reports, appropriation bills, etc., recorded under Congress and both houses of Congress are for the fiscal year unless otherwise noted.

Congressional serial set

NOTE.—At the end of each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volume was sent to depository libraries during the period of this catalog:

Senate document:

16850 153. Prayers offered by Chaplain Frederick Brown Harris at opening of daily sessions of Senate during 84th Congress, 1955–56 [Serial 11915]. ● Item 995–G

Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

Private laws, 85th Congress. † House or Senate Document Rooms, Capitol.

16851 394. S. 1578, act for relief of Hovhannes H. Haidostian. Approved May 16, 1958. 1 p.

ECONOMIC JOINT COMMITTEE

16852 Relationship of prices to economic stability and growth, commentaries, submitted by economists from labor and industry appearing before Joint Economic Committee; Oct. 31, 1958. 1958. x+271 p. il. (Joint committee print, 85th Congress, 2d session.) * Paper, 65c.
L. C. card 58–62336 Y 4.Ec 7 : P 93/6

HOUSE OF REPRESENTATIVES

16853 Laws relating to social security and unemployment compensation [Apr. 14, 1935–Aug. 28, 1958]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1958. v+376 p. * Paper, $1.25. ● Item 998
L. C. card 58–62272 Y 1.2 : So 1

16854 Laws relating to vocational education and agricultural extension work [May 8, 1914–Sept. 6, 1958]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1958. v+341 p. * Paper, $1.00. ● Item 998
L. C. card 20–21107 Y 1.2 : V 85/2/958

16855 Passport control acts [Feb. 1, 1917–Aug. 1, 1956]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1958. ii+27 p. * Paper, 15c. ● Item 998 Y 1.2 : P 26/958

16856 Railroad retirement and unemployment insurance act, as amended [Aug. 29, 1935–Sept. 6, 1958]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1958. iv+153 p. * Paper, 45c. ● Item 998
L. C. card 45–35547 Y 1.2 : R 13/958

16857 Seamen's act as amended and other laws relating to seamen [Mar. 4, 1915–Aug. 23, 1958]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1958. iv+156 p. * Paper, 45c. ● Item 998
L. C. card 27–26816 Y 1.2 : Se 1/2/958

House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 85th Congress.

16858 337. Audit report of Tennessee Valley Authority, fiscal year 1957, letter from Comptroller General transmitting report; Feb. 18, 1958. 1958. vi+72 p. † ● Item 996
L. C. card 47-32489

16859 342. Palm Beach County from Lake Worth Inlet to South Lake Worth Inlet, Fla., beach erosion control study, letter from chief of engineers, Army, submitting report on cooperative beach erosion control study of Palm Beach County from Lake Worth Inlet to South Lake Worth Inlet, Fla.; Mar. 3, 1958. 1958. vii+44 p. 2 pl. [Also issued in departmental edition and sent to depositories in that form. See Entry no. 16929.]

16860 343. Sun River at Great Falls, Mont., letter from chief of engineers, Army, submitting interim report on Sun River at Great Falls, Mont. Mar. 3, 1958. 29 p. 1 pl. [Also issued in departmental edition and sent to depositories in that form. See Entry 16930.]

16861 347. Texas City and vicinity, Tex., letter from chief of engineers, Army, submitting report on preliminary examination and survey of Texas City and vicinity, Tex., for storm protection. 1958. vii+32 p. 2 maps. [Also issued in departmental edition and sent to depositories in that form. See Entry 16931.]

16862 356. Report on audit of Federal Deposit Insurance Corporation for fiscal year 1957, letter from Comptroller General transmitting report. 1958. v+21 p. † ● Item 996

16863 370. Report on audit of Federal Home Loan Bank Board, fiscal year 1957, letter from Comptroller General transmitting report. 1958. v+15 p. † ● Item 996
L. C. card 50-61258

16864 379. Report on audit of abaca fiber program administered by General Services Administration, fiscal year 1957, letter from Comptroller General transmitting report; May 5, 1958. 1958. v+15 p. † ● Item 996
L. C. card 56-63880

16865 398. New housing and its materials, 1940-56; [prepared by Kathryn R. Murphy]. Aug. 1958. vi+58 p. il. 4° (Labor Statistics Bureau. Bulletin 1231.) *(Available in departmental edition, 40c., L 2.3:1231, and sent to depositories in that form. See entry no. 17214.)

Agriculture Committee, House

[Committee hearings] serial, 85th Congress. † ● Item 1010

16866 HHH. Miscellaneous hearings, 85th Congress, 2d session, on S. 2007 [and other bills], Apr. 23-Aug. 8, 1958. 1958. vi+209 p.
Y 4.Ag 8/1 : H 35/10/958

Armed Services Committee, House

16867 Hearings on investigation of national defense establishment, study of regulations and procedures, classification and dissemination of information, special subcommittee no. 6, 85th Congress, 2d session, under authority of H. Res. 67, Mar. 10-July 9, 1958. 1958. iii+1144 p. 1 pl. † ● Item 1012
L. C. card 58-62260 Y 4.Ar 5/2 : D 36/4/958-3

16868 Hearings on sundry legislation affecting naval and military establishments, 1957, 85th Congress, 1st session; [title page, contents, and index]. 1957. ii+13 p. †
L. C. card 48-47245 Y 4.Ar 5/2a : 957-58/1-66/t. p. & ind.

Education and Labor Committee, House

16869 Labor-management relations, hearings before subcommittee, 85th Congress, 1st and 2d sessions, on legislation and matters relating to Labor-management relations act of 1947, Aug. 1, 1957-July 16, 1958. 1958. iv+362 p. † ● Item 1015
L. C. card 58-62289 Y 4.Ed 8/1 : L 11/6/958

16870 National Advisory Committee for the Blind, hearings before subcommittee, 85th Congress, 1st session on H. R. 1955 and H. R. 8427. July 31, 1957. 1958. iii+46 p. † ● Item 1015
L. C. card 58-62337 Y 4.Ed 8/1 : B 61/2

16871 To combat and control juvenile delinquency, hearings before subcommittee, 85th Congress, 1st session, on various bills relating to programs to combat juvenile delinquency; June 25, July 29, 1957. [1958.] pt. 2, iii+431-492 p. † ● Item 1015
L. C. card 57-60660 Y 4.Ed 8/1 : J 98/pt. 2

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

16872 Welfare of physically handicapped, hearing before subcommittee, 85th Congress, 1st session on H. R. 9171, Aug. 19 and 20, 1957. iv+83 p. † ● Item 1015
L. C. card 58–62291 Y 4.Ed 8/1 : H 19/2

Government Operations Committee, House

16873 Air pollution (Federal air pollution research and technical assistance program), hearing before subcommittee, 85th Congress, 1st session; Oct. 31, 1957. iii+158 p. il. † ● Item 1016
L. C. card 58–62290 Y 4.G 74/7 : Ai 7/3

16874 Soil bank (1956 acreage reserve program), hearing before subcommittee, 85th Congress, 2d session, Sept. 30, 1958. 1958. v+173 p. 3 maps, 1 tab. † ● Item 1016
L. C. card 58–62268 Y 4.G 74/7 : So 3/2

Merchant Marine and Fisheries Committee, House

16875 Coordination act amendments, hearing before subcommittee on fisheries and wildlife conservation, 85th Congress, 2d session, on H. R. 12371, H. R. 8631, and similar bills, June 27, 1958. 1958. iv+46 p. † ● Item 1021
L. C. card 58–62292 Y 4.M 53 : C 78

16876 Ship mortgage insurance legislation, hearings before subcommittee on merchant marine, 85th Congress, 2d session, on H. R. 12739 [and] H. R. 13153; June 9 and July 18, 1958. † ● Item 1021
L. C. card 58–62294 Y 4.M 53 : In 7/18

16877 Vessel admeasurement and navigation laws, hearing before subcommittee on Coast Guard, Coast and Geodetic Survey, and navigation, 85th Congress, 2d session, on H. R. 11475 (similar to S. 3499), S. 2115, [and] H. R. 12820, July 17, 1958. 1958. iii+28 p. † ● Item 1021
L. C. card 58–62269 Y 4.M 53 : V 63/45

Public Works Committee, House

[Committee hearings serial] 85th Congress. † ● Item 1024

16878 19. Public buildings, hearings before public buildings and grounds subcommittee, 85th Congress, 2d session, on H. R. 7667 [and other bills], May 26-Aug. 5, 1958. v+146 p.
L. C. card 58–62270 Y 4.P 96/11 : 85/19

16879 Committee on Public Works, House of Representatives, legislative history, 85th Congress, Sept. 30, 1958. 1958. iii+37 p. (House committee print no. 23, 85th Congress, 2d session.) †
L. C. card 49–46135 Y 4.P 96/11 : L 52/958

SENATE

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 85th Congress. † Senate Document Room, Capitol. ● Item 1008–B

16880 2503. Summary of activities. Report of Committee on Banking and Currency, 85th Congress, 2d session; Nov. 4, 1958. 1958. v+29 p.
L. C. card 52–61470

Government Operations Committee, Senate

16881 International medical research, compilation of background materials, prepared for Committee on Government Operations and its subcommittee on reorganization and international organizations, pursuant to S. Res. 347, 85th Congress, Nov. 10, 1958. 1958. xiii+117 p. il. map. (Committee print, 85th Congress, 2d session.) * Paper, 45c.
L. C. card 58–62339 Y 4.G 74/6 : M 46

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Interstate and Foreign Commerce Committee, Senate

16882 Automobile distribution, hearings 85th Congress, 2d session, on S. 3865, June 23 and 24, 1958. 1958. iii+121 p. † ● Item 1041
L. C. card 58-62296 Y 4.In 8/3 : Au 8/5

16883 Supplemental air service, hearings before subcommittee on aviation, 85th Congress, 1st session, on proposed legislation by Civil Aeronautics Board to amend Civil aeronautics act of 1938, as amended, to authorize Civil Aeronautics Board to include in certificates of public convenience and necessity limitations on type and extent of service authorized, and for other purposes, Apr. 4 and 5, 1957. 1958. iii+62 p. † ● Item 1041
L. C. card 58-62295 Y 4.In 8/3 : Ai 7/24

Judiciary Committee, Senate

16884 Administered prices, automobiles, report, together with individual views of subcommittee on antitrust and monopoly, pursuant to S. Res. 231, 85th Congress, 2d session; Nov. 1, 1958. 1958. ix+314 p. il. 1 pl. (Committee print, 85th Congress, 2d session.) * Paper, $1.00.
L. C. card 58-62340 Y 4.J 89/2 : P 93/8

16885 Confessions and police detention, hearings before subcommittee on constitutional rights 85th Congress, 2d session, pursuant to S. Res. 234: Study of the constitutional aspects of police detention prior to arraignment and of confessions obtained from suspects during such detention, March 7 and 11, 1958. 1958. v+770 p. * Paper, $2.25. ● Item 1042
L. C. card 58-62267 Y 4.J 88/2 : C 76/11

16886 Research and development factor in mergers and acquisitions, study of subcommittee on patents, trademarks, and copyrights, 85th Congress, 2d session, pursuant to S. Res. 236, study no. 16; [prepared by Murray N. Friedman, Queens College]. 1958. vi+35 p. (Committee print, 85th Congress, 2d session.) * Paper, 15c.
L. C. card 58-62338 Y 4.J 89/2 : P 27/3/no. 16

16887 Treaties and executive agreements, hearing before subcommittee, 85th Congress, 1st session, on S. J. Res. 3, June 25, 1957. 1958. iv+480 p 1 pl. † ● Item 1042
L. C. card 58-62297 Y 4.J 89/2 : T 71/4/958

WASHINGTON METROPOLITAN PROBLEMS JOINT COMMITTEE

NOTE.—The Joint Committee on Washington Metropolitan Problems was established by H. Con. Res. 172, 85th Congress, agreed to Aug. 29, 1957.

16888 Government agencies concerned with land use, planning, or conservation in Washington metropolitan area, agencies of Maryland, staff study; [prepared by Lucie G. Krassa]. 1958. iii+30 p. il. (Joint committee print, 85th Congress, 2d session.) ‡
L. C. card 58-62298 Y 4.W 27/2 : G 74/2

16889 Governmental agencies concerned with land use, planning, or conservation in Washington metropolitan area [agencies of District of Columbia], staff study; [prepared by Lucie G. Krassa] for Joint Committee on Washington metropolitan problems. 1958. iii+14 p. (Senate committee print, 85th Congress, 2d session.) ‡
L. C. card 58-61234 Y 4.W 27/2 : G 74

16890 Metropolitan transportation, staff report; prepared [by Arthur Lazarus] for Joint Committee on Washington Metropolitan Problems, on investigation of status and prospects for mass transportation survey, Apr. 1958. 1958. iii+34 p. il. (Committee print, 85th Congress, 2d session.) ‡
L. C. card 58-61235 Y 4.W 27/2 : T 68/2

16891 Metropolitan water problems, staff report [with list of references]; prepared [by Bernard Frank] for Joint Committee on Washington Metropolitan Problems on conservation and recreation in comprehensive program for Potomac River basin, with special reference to National Capital region; Mar. 1958. 1958. v+21 p. il. map. (Committee print, 85th Congress, 2d session.) ‡
L. C. card 58-61233 Y 4.W 27/2: W 29/3

16892 Sewage disposal and water pollution, staff report [with lists of references cited and reviewed]; prepared [by Gilbert V. Levin] for Joint Committee on Washington Metropolitan Problems, on sewage disposal and water pollution in Washington metropolitan area; Mar. 1958. 1958. iii+26 p. il. (Committee print, 85th Congress, 2d session.) ‡
L. C. card 58-61237 Y 4.W 27/2: Se 3

16893 Water supply, staff report [with lists of references cited and reviewed]; prepared [by Gilbert V. Levin] for Joint Committee on Washington Metropolitan Problems, on water supply in Washington metropolitan area; Apr. 1958. 1958. iv+27 p. il. (Committee print, 85th Congress, 2d session.) ‡
L. C. card 58-61236 Y 4.W 27/2: W 29/2

COPYRIGHT OFFICE, Library of Congress

Catalog of copyright entries, 3d series, v. 11.

16894 pt. 1. Books and pamphlets including serials and contributions to periodicals, no. 2; July-Dec. 1957. 1958. ix+1776 p. 4° † Paper, $2.50. ● Item 791
L. C. card 6-35347 LC 3.6/5: v.11/pt.1/no.2

Catalog of copyright entries, 3d series, v. 12.

16895 pt. 6. Maps and atlases, no. 1; Jan.-June 1958. 1958. viii+59 p. 4° † Paper, 50c. ● Item 797
L. C. card 6-35347 LC 3.6/5: v.12/pt.6/no.1

16896 pt. 12, 13. Motion pictures and filmstrips, no. 1; Jan.-June 1958. 1958. viii+73 p. 4° † Paper, 50c. ● Item 800
L. C. card 6-35347 LC 3.6/5: v.12/pt.12-13/no.1

CUSTOMS BUREAU, Treasury Dept.

16897 44th set revised pages to Customs regulations; Sept. 1958. 1958. [14] p. 4° [Monthly. Pages include amendments made by Treasury decisions 54667-54689 except amendment made by T. D. 54678 which will appear in Measurement of vessels regulations. Issued in loose-leaf form.] * Paper, 15c. ● Item 948-A T 17.9: 954/rev.pages 44

CUSTOMS COURT

16898 United States Customs Court reports: v. 39, cases adjudged in Customs Court, July-Dec. 1957. [1958.] xvii+833 p. il. [Includes classification decisions 1892-1946, abstracts 60926-61421, valuation decisions 45-61, reappraisement decisions 8868-9040, application for review decisions 77-81.] * Cloth, $3.25. ● Item 736
L. C. card 39-29067 Ju 9.5: 39

DEFENSE DEPARTMENT

[Armed Forces Institute manual.]

16899 D331.1. Elementary typewriting 1, study guide to be used with course D331: prepared by Rose Ellen Lewis and Frederick J. Nierode. 1958. 46 p. il. 4° [Includes copyright material. Progress charts on p. 3 of cover.] ‡ D 1.10: D 331.1

16900 Armed services procurement regulation (1955 edition revision), no. 39; Nov. 3, 1958. [1958.] 3+[95] p. 4° [Issued in loose-leaf form.] * Paper, 50c. ● Item 304 D 1.13/2: 39

16901 Armed services procurement regulation (1955 edition revision) 40; Nov. 10, 1958. [1958.] 2+ii+[22] p. 4° [Issued in loose-leaf form.] * Paper, 15c. ● Item 304 D 1.13/2: 40

*For Sale by Superintendent of Documents
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Cataloging handbook H (series). (Office of Assistant Secretary of Defense (Supply and Logistics), Office of Supply Management Policy.) [Issued in loose-leaf form.] ● Item 314-A

16902 6-2-11. Federal item identification guides for supply cataloging: pt. 2, Description patterns and reference drawings, FSC group 11, Atomic ordnance; May 1958. Revised edition. [1958.] cover title, xxi+[146] p. il. [Supersedes Dec. 1, 1956 basic handbook and supplemental data.] * Paper, 60c. D 7.6/2: 6-2-11/2

Cataloging manual M (series). [Issued with perforations.]

16903 1-4. Federal manual for supply cataloging, chap. 4, Operating procedures; Sept. 1958. [1958.] cover title, iv+[62] p. 4° (Armed Forces Supply Support Center.) * Paper, 45c. ● Item 314-A D 7.6/3: 1-4

16903A Military specifications. D 1.12:

NOTE.—These specifications are now so completely covered by the Military Index, volumes 2, 3, and 4, published by the Army, the Navy, and the Air Force, semi-annually and kept current by monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.

Complete information on the three indexes of specifications and related publications referred to, will be found in the Appendix to the August 1958 issue of the Monthly Catalog under Entry numbers 10368, 10391, and 11020.

Military standards. [Issued with perforations.] D 7.10: (nos.)

16904 MIL-STD-130A. Identification marking of U. S. military property; Sept. 8, 1958. 1958. iii+7 p. ([Armed Forces Supply Support Center.]) [Supersedes MIL-STD-130, Mar. 4, 1953.] * Paper, 15c.

16905 MIL-STD-286. Propellants, sampling, inspection and testing; June 28, 1956. [1958.] cover title, vi+160 p. il. 4° (FSC 1375.) [Supersedes MIL-P-11960B (ORD), Apr. 12, 1955.] ‡

16906 MIL-STD-640. Automobiles, station wagons, and light trucks, standard models and special equipment requirements; Aug. 1, 1958. 1958. iv+2 p. 4° (FSC-2310, 2320.) * Paper, 10c.

16907 MIL-STD-641. Trucks, 14,000-21,000 pounds GVW, standard models and special equipment requirements; Aug. 1, 1958. 1958. iii+3 p. 4° (FSC 2320.) * Paper, 10c.

Standardization manual M (series). [Issued in loose-leaf form.] ● Item 314-A

16908 204. Military manual for qualified products lists; prepared by Standardization Division, Armed Forces Supply Support Center. Revised Sept. 1, 1958. [1958.] vii+24 p. 4° [Supersedes Defense supply management manual DSMA M 4, Mar. 1, 1953.] * Paper, 25c. D 7.6/3: 204

EDUCATION OFFICE, Health, Education, and Welfare Dept.

Bulletin 1958 (series).

16909 12. Certification of school librarians, compilation of State requirements, 1958, by Mary Helen Mahar. [1958.] viii+73 p. ([PS-30-58.]) * Paper, 30c. ● Item 458
L. C. card HEW 58-24 FS 5.3: 958/12

Circulars. FS 5.4: (nos.)

16910 401. Resources for teaching English: References for teachers of English as foreign language, supplement; prepared by Marjorie C. Johnston and Arno Jewett. Oct. 1958. 6 p. 4° [Processed.] †
L. C. card E 55-211

16911 537. Current expenditures per pupil in public school systems: Large cities, 1956-57; by Lester B. Herlihy. [1959.] [3]+35 p. 4° [Text on p. 2 of cover.] * Paper, 30c. ● Item 459
L. C. card E 54-12

Education briefs. [Processed.] †

16912 36. Educating talented children in elementary schools [with list of references; prepared by Gertrude M. Lewis]. Nov. 1958. 19 p. 4° (Elementary Schools Section, Division of State and Local School Systems, Instruction, Organization and Services Branch.) FS 5.44: 36

16913 Education directory, 1958-59: pt. 2, Counties and cities; [prepared by Ruby Ballard]. [1958.] cover title, 99 p. ([PS-20-59.]) [Text on p. 2 of cover.] * Paper, 45c. ● Item 460
L. C. card E 13-213 FS 5.25: 958-59/pt.2

*For Sale by Superintendent of Documents
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Information on education around the world. [Processed.]
FS 5.27/2: (nos.)

16914 2. Report on new source book on Soviet higher education; [by William K. Medlin]. July 1958. 4+11 p. 4° (International Educational Relations.) ‡

16915 5. Soviet educational press, brief survey; [by William K. Medlin]. Oct. 1958. 5 p. 4° (International Educational Relations.) †

16916 6. Final examinations in Russian 10-year school; [by William K. Medlin and George Myro]. Oct. 1958. 31 p. 4° (International Educational Relations.) †

16917 List of educational AM and FM radio, and television stations by State and city; prepared by Gertrude G. Broderick. Nov. 1958. cover title, 20 p. 4° [Processed.] †
L. C. card E 55-215 FS 5.2: R 11/3/958

Misc. [Miscellany] (series).

16918 3560. Area vocational education programs, administration of title 8, National defense education act of 1958, P. L. 864, 85th Congress. [1958.] [2]+11 p. 4° (Division of Vocational Education.) [Processed.] †
FS 5.11: 3560

Special publication.

16919 7. School sites, selection, development, and utilization [with bibliography]; by James L. Taylor. [1958.] viii+91 p. il. oblong 12] ([PS 49-58.]) [Text and other illustrations on p. 1-3 of cover.] * Paper, 75c. ● Item 467-B
L. C. card HEW 58-25 FS 5.51: 7

16920 Teaching aids for developing international understanding: Switzerland [list of references; prepared by Edith Harper, Delia Goetz], Dec. 1955. [1958.] 8 p. 4° [Processed. Includes Addenda, Dec. 1956.] †(Limited distribution).
L. C. card E53-43 FS 5.52: Sw 68/956

EMERGENCY BOARDS (under sec. 10 Railway labor act)

16921 Report to the President by Emergency Board appointed by Executive order 10757, Feb. 27, 1958, pursuant to sec. 10 of Railway labor act, as amended, to investigate unadjusted disputes between Eastern Air Lines, Inc., Trans-World Airlines, Inc., United Air Lines, Inc., Northwest Airlines, Inc., Northeast Airlines, Inc., Capital Airlines, Inc., and National Airlines, Inc., and certain of their employees represented by International Association of Machinists, labor organization (NMB cases A-5599; A-5613, A-5615; A-5618, A-5621; A-5642, A-5643), Washington, D. C., Sept. 15, 1958. [1958.] v+110 p. (No. 122.) † ● Item 833
L. C. card A58-8942 NMB 1.7: 122

16922 Report to the President by Emergency Board appointed by Executive order 10770, June 19, 1958, pursuant to sec. 10 of Railway labor act, as amended, to investigate unadjusted dispute between American Airlines, Inc., and certain of its employees represented by Air Line Pilots Association, International, labor organization (NMB case A-5567), Washington, D. C., Sept. 3, 1958. [1958.] v+10 p. (No. 124.) † ● Item 833
L. C. card A58-8915 NMB 1.7: 124

EMPLOYEES' COMPENSATION BUREAU, Labor Dept.

16923 Federal work injuries sustained during calendar year 1957, Federal employees' compensation act; [prepared by Statistical Division]. [Sept. 1958.] cover title, [1]+16 p. oblong 8° [Processed.] ‡
L. C. card L56-167 L 26.8: 957

EMPLOYMENT SECURITY BUREAU, Labor Dept.

16924 1956 supplement to handbook of unemployment insurance financial data. Washington, D. C., Oct. 1957. [12] p. 4° (BES U-73 (sup); Unemployment Insurance Service.) [Processed.] †
L 7.25: Un 2/938-51/supp. 956

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ENGINEERS CORPS (Army), Defense Dept.

Manuals EM (series). D 103.6/3 : (nos.)

16925 1110-2-2200. Engineering and design : Gravity dam design [with selected bibliography] ; Sept. 25, 1958. [1958.] cover title, ii+20 p. il. 4° [Contains copyrighted material. Issued with perforations.] * Paper, 20c. ● Item 338-A

16926 1110-2-2906. Engineering and design : Design of pile structures and foundations [with selected bibliography] ; July 1, 1958. [1958.] cover title, ii+51 p. il. 4° [Contains copyrighted information. Issued with perforations. Supersedes Engineer manual for civil works construction, pt. cxxix, chap. 6, Mar. 1953.] * Paper, 50c. ● Item 338-A
L. C. card 58-62283

16927 1110-345-228. Engineering and design : Water supply for fire protection, Change 1 ; Oct. 15, 1958. [1958.] [1]+2 p. 4° [Processed. Includes Transmittal sheet. Issued with perforations.] ‡

16928 1110-345-355. Engineering and design : Railroads ; July 22, 1958. [1958.] cover title, 21 p. il. 4° [Issued with perforations.] † ● Item 338-A

16929 Palm Beach County from Lake Worth Inlet to South Lake Worth Inlet, Fla., beach erosion control study, letter from chief of engineers, Army, submitting report on cooperative beach erosion control study of Palm Beach County from Lake Worth Inlet to South Lake Worth Inlet, Fla. ; Mar. 3, 1958. 1958. vii+44 p. 2 pl. [Also issued as H. doc. 342, 85th Congress, 2d session.] ‡ D 103.22 : P 18

16930 Sun River at Great Falls, Mont., letter from chief of engineers, Army, submitting interim report on Sun River at Great Falls, Mont. Mar. 3, 1958. 28 p. 1 pl. [Also issued as H. doc. 343, 85th Cong., 2d sess.] ‡ ● Item 334-A D 103.22 : Su 7

16931 Texas City and vicinity, Tex., letter from chief of engineers submitting report on preliminary examination and survey of Texas City and vicinity, Tex., for storm protection. 1958. vii+32 p. 2 maps. [Also issued as H. doc. 347, 85th Cong., 2d sess.] ‡ ● Item 334-A D 103.22 : T 31

FARMER COOPERATIVE SERVICE, Agriculture Dept.

FCS bulletin.

16932 11. Distribution of fertilizer by cooperatives in the South ; by Warren K. Trotter. [Oct. 1958.] cover title, iv+60 p. il. [Text and list of other publications available from Farmer Cooperative Service on p. 3-4 of cover.] * Paper, 40c. ● Item 63
L. C. card Agr 58-358 A 89.3 : 11

FCS circular.

16933 25. Fruit and vegetable bargaining cooperatives ; by Wendell M. McMillan. [Nov. 1958.] x+59+[2] p. il. ([Fruit and Vegetable Branch, Marketing Division.]) [Includes list of other publications of Agriculture Department relating to farmer's cooperatives.] * Paper, 25c. ● Item 64
L. C. card Agr 58-376 A 89.4 : 25

FCS educational circulars. ● Item 64 A 89.4/2 : (nos.)

16934 13. Three principles of agricultural cooperation. Nov. 1958. [2]+9 p. il. * Paper, 10c.
L. C. card Agr 58-371

16935 14. Using local cooperative as source material for teaching ; [prepared by James L. Robinson, slight revisions by John H. Heckman]. [Oct. 1958.] [2]+9 p. ([Information Division.]) * Paper, 10c.
L. C. card Agr 58-370

FEDERAL DEPOSIT INSURANCE CORPORATION

16936 Changes in List of insured operating banking offices, Jan. 1-Sept. 30, 1958. [1958.] 95+[1] p. [Processed. Cumulative. Issued with perforations. Supersedes previous list of changes.] † Y 3.F 31/8 : 2 B 22/5/958/ch. 3

Report.

16937 49. Assets, liabilities, and capital accounts, commercial and mutual savings banks, June 23, 1958. [1958.] cover title, 60 p. oblong 8° [Processed.] †
L. C. card 34-28239 Y 3.F 31/8 : 9/49

FEDERAL HOME LOAN BANK BOARD

16938 Rules and regulations for Federal savings and loans system [with amendments to Mar. 15, 1957] : Insert sheet 3. [1958.] 1 p. [Processed.] †
FHL 1.6 : Sa 9/insert 3

16939 —— Insert sheet 4. [1958.] [2] p. [Processed.] †
FHL 1.6 : Sa 9/insert 4

FEDERAL HOUSING ADMINISTRATION, Housing and Home Finance Agency

16940 Settlement of claims under title 1 of National housing act; [prepared by Comptroller's Division]. [Revised July 1958.] [1958.] cover title, 16 p. 4° (FH–33.) ‡
L. C. card 52–61532 HH 2.2 : C 52/958

FEDERAL MARITIME BOARD, Commerce Dept.

Federal Maritime Board, Maritime Administration SP (series).

16941 58–26. American ports and our Government, remarks by Howard J. Marsden, Port Development Officer, Maritime Administration, Department of Commerce, at symposium on port organization and administration, annual meeting of Great Lakes Commission, Chicago, Ill., Nov. 10, 1958. [1958.] 7 p. 4° ([40535.]) [Processed.] † C 39.109/2 : 58–26

FEDERAL POWER COMMISSION

F. P. C. S (series).

16942 132. Steam-electric plant construction cost and annual production expenses (10th annual supplement) 1957. [1958.] [3]+xxv+157 p. il. 4° [Processed.] † Paper, $1.50.
L. C. card 49–46428 FP 1.21 : 132

National electric rate book. [Processed.]

NOTE.—The National electric rate book and individual rate books for the 48 States, covering the rates charged by publicly and privately-owned utilities in communities of 2,500 or more population (communities of 1,000 and more included when served under same schedules), are issued in loose-leaf binders. Supplementary sheets, fuel adjustment data, or complete State supplements showing revisions and new rate schedules, etc., are issued periodically. Price, $25.00, including binders and Supplement service for 12 months from date of order; Supplement service thereafter, $15.00 a yr.; State rate books, $1.50 each. Orders and remittances should be submitted to the Federal Power Commission, Washington 25, D. C., by check or money order payable to the Treasurer of the United States.

16943 National electric rate book: Alabama. Sept. 23, 1958. 13 p. 4° [Supersedes p. 1–13, Oct. 21, 1957.] FP 1.18 : A1 1b/958

16944 —— Kentucky. Sept. 19, 1958. 11 p. 4° [Supersedes p. 1–11, Jan. 20, 1958.] FP 1.18 : K 41/958–2

16945 —— Mississippi. Sept. 16, 1958. 11 p. 4° [Supersedes p. 1–11, Sept. 10, 1957.] FP 1.18 : M 69i/958

16946 —— New York [revised pages]. Oct. 10, 1958. 4 p. 4° [Supersedes p. 1–4, Aug. 1, 1958.] FP 1.18 : N 42y/958/rev. pages

16947 —— Tennessee. Sept. 30, 1958. 9 p. 4° [Supersedes p. 1–9, Oct. 15, 1957.] FP 1.18 : T 25/958

16948 —— Washington. Sept. 8, 1958. 19 p. 4° [Supersedes p. 1–19, Oct. 9, 1957.] FP 1.18 : W 27/958

16949 [National electric rate book: Fuel adjustments data:] Alabama [Aug.-Sept. 1958.] [1958.] 1 p. 4° FP 1.18 : A1 1b/2/958

16950 —— Kentucky [Jan., Aug. and Sept. 1958]. [1958.] 1 p. 4°
FP 1.18 : K 41/2/958–2

16951 —— Mississippi [Oct. 1957 and July 31 and Sept. 1958.] [1958.] 1 p. 4°
FP 1.18 : M 69i/2/958

16952 —— Tennessee [Sept. 1958]. [1958.] 1 p. 4° FP 1.18 : T 25/2/958

16953 —— Washington. [1958.] 1 p. 4° FP 1.18 : W 27/2/958

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FEDERAL REGISTER DIVISION, General Services Administration

Code of Federal regulations and Cumulative pocket supplements.

NOTE.—For the convenience of those who maintain complete sets of the Code of Federal regulations, arrangements have been made to supply the 1957 pocket supplements for use during 1958 and any completely revised volumes issued in 1958 on a subscription basis at $66.50 a year, $15.00 additional for foreign mailing. The revised volumes and supplements will be mailed as printed and all subscribers will receive expiration notices in ample time to renew their subscriptions, thus avoiding loss of continuity. The Superintendent of Documents will continue to make available the revised volumes and individual supplements for those who do not maintain complete sets.

16954 Code of Federal regulations, title 3, The President, 1949–53 compilation, containing full text of Presidential documents published in Federal register during Jan. 1, 1949-Dec. 31, 1953, with ancillaries and index. [1958.] vi+1225 p. il. map. * Fabrikoid, $7.00. ● Item 572
L. C. card 49–46198 GS 4.108/2: 949–53

16955 Cumulative pocket supplement to Code of Federal regulations, general index as of Jan. 1, 1958. [1958.] xiv+162 p. * Paper, 35c. ● Item 572
L. C. card 49–46198 GS 4.108: ind./supp. 957

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS

16956 Monetary misconceptions, address of C. Canby Balderston, vice chairman, Board of Governors of Federal Reserve System, at all-industry luncheon, Society of Chartered Life Underwriters, Hartford, Conn. Nov. 6, 1958. [1958.] [1]+9 leaves, 4° [Processed.] † FR 1.23: B 19/2

16957 1957–58 recession in world trade. n. p. [1958]. p. 1153–1160, il. 4° [Reprinted from Federal reserve bulletin Oct. 1958.] †
FR 1.3/a: R 243/2

FEDERAL SUPPLY SERVICE, General Services Administration

16957A Federal specifications. GS 2.8:

NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed. Complete information on the Index of Federal specifications will be found in the Appendix to the August 1958 issue of the Monthly Catalog under Entry number 10659.

Federal standards. [Issued with perforations.] † ● Item 563
GS 2.8/3: (nos.)

16958 13b. Soap, toilet, liquid and paste; Oct. 15, 1958. [1958.] 2 p. 4° [P–S–624, issue in effect. Supersedes Int. Fed. std. 0013a (GSA–FSS), Aug. 13, 1957, and Fed. std. 13, Apr. 15, 1954.]

16959 129. Ballast, lamp, fluorescent; Sept. 26, 1958. 1958. 1 p. 4° [W–B–30, issue in effect.]

Federal supply schedule FSC group. GS 2.7/4: (nos.)

16960 65. Medical, dental, and veterinary equipment, and supplies pt. 2 (formerly class 57, sec. B) FSC class 6515, Medical and surgical instruments, equipment, and supplies, Nov. 1, 1958–Oct. 31, 1959; prepared by National Buying Division. [1958.] 15 p. 4° (Control no. 22, Code 75–N.) [Processed.] ‡

16961 71. Furniture, pt. 5, supp. 2 (formerly class 7110, Office furniture, filing cabinets (steel, insulated, security), Oct. 15, 1958–Sept. 30, 1959; prepared by National Buying Division. [1958.] 8 p. 4° (Control no. 28, Code 43–N.) [Processed.] ‡

16962 75. Office supplies, pt. 1, sec. B, FSC class 7520, Office devices and accessories, Dec. 1, 1958–Aug. 31, 1959; prepared by National Buying Division. [1958.] 36 p. 4° (Control no. 44, Code 63–N.) [Processed. Also includes certain items in FSC class 3610, Duplicating machine accessories, 5120, Hand tools, nonedged, nonpowered, 5340, Miscellaneous office hardware, 6640, Paper, tissue, optical, photographic, 6675, Drafting and drawing instruments, 8010, Paint specialties, 8040, Adhesive specialties, 8135, Packaging and packing bulk materials and tape, 9310, Paper and paperboard, 9330, Plastics, fabricated materials.] ‡

16963 75. Office supplies, pt. 1, sec. C, FSC class 7530, Stationery and papers, drawing and tracing, Dec. 1, 1958–May 31, 1959; prepared by National Buying Division. [1958.] 45 p. 4° (Control no. 44, Code 63–N.)

FISH AND WILDLIFE SERVICE, Interior Dept.

C. F. S. (series). [Processed.] † I 49.8/2: (nos.)

16964 1907. Lake fisheries, 1957 annual summary. [1958.] [1]+11 p. il. 4° (Bureau of Commercial Fisheries.)

16965 1909. New England fisheries, 1957, annual summary. [1958.] [1]+7 p. il. 4° (Bureau of Commercial Fisheries.)

Special scientific reports: Fisheries (series). ‡ I 49.15/2: (nos.)

16966 259. Age, length, and body weight of salmon caught by Japanese high-seas fleets in north Pacific, preliminary report by George Tanonaka. Seattle, Wash., Feb. 1957. [3]+10 p. il. 4° (Pacific Salmon Investigations.) [Contribution no. 3 to research conducted with approval of United States Section of International North Pacific Fisheries Commission.] [Processed.]

16967 265. Physical oceanographic, biological, and chemical data, South Atlantic coast of United States, M/V Theodore N. Gill cruise 6 [with list of literature cited]; by William W. Anderson and Jack W. Gehringer. Washington, D. C., July 1958. [4]+99 p. il. 4° (Bureau of Commercial Fisheries.) ‡

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.

Foreign agriculture report.

16968 111. Agricultural developments in Angola, British East Africa, Rhodesia and Nyasaland, and Zanzibar, their effects on U. S. farm exports; [by Robert C. Moncure]. [Oct. 1958.] vi+81 p. il. * Paper, 30c. ● Item 76–E
L. C. card Agr 58–359 A 67.16: 111

16969 Foreign agricultural trade outlook charts, 1959. Nov. 1958. cover title, p. 3–59, il. oblong 8° [Page 59 printed on inside of back cover.] * Paper, 35c. ● Item 76–B
L. C. card 53–63722 A 67.24: 959

FOREIGN CLAIMS SETTLEMENT COMMISSION

16970 8th semiannual report to Congress for period ending June 30, 1958. [1958.] v+17 p. † ● Item 1063–C
L. C. card 56–62456 Y 3.F 76/3: 1/958

FOREIGN COMMERCE BUREAU, Commerce Dept.

16971 Denial and probation orders currently affecting export privileges. Oct. 1958. [2]+30 p. 4° [Processed. Reprint of Supplement 1 to pt. 382 of Comprehensive export schedule.] † C 42.11/a: Ex 75/3/958–3

16972 Sending gift packages to Rumania. [Mar. 1957.] 5 p. 4° [Processed.] † Paper, 10c. C 42.2: R 86/957

16973 Soviet interest in purchasing U. S. technology and products, address by Frank W. Sheaffer, acting director of export supply, Bureau of Foreign Commerce, prepared for delivery at meeting of American Management Association, Inc., New York City, Nov. 6, 1958. [1958.] 6 p. 4° [Processed.] † C 42.18: Sh 3

World trade information service: pt. 1, Economic reports. [Issued irregularly.] * Paper, $6.00 a yr., $3.75 additional for foreign mailing; single copy each 10c. (1–3 yr. subs.). ● Item 231–B C 42.13/1: (nos.)

16974 58–70. Principal manufacturing industries in Venezuela. [Sept. 1958.] 26 p. 4°

16975 58–71. Basic data on economy of Japan; [prepared by Japan-Korea Section, Far Eastern Division, Office of Economic Affairs]. [Sept. 1958.] 23 p. il. 4° [Supersedes Basic Data on economy of Japan, World Trade Information Service, pt. 1, no. 55–83, Aug. 1955.]

16976 58–72. Establishing business in Netherlands; [prepared in European Division, Office of Economic Affairs]. [Oct. 1958.] 12 p. 4° [Supersedes no. 56–14, Feb. 1956.]

World trade information service: pt. 2, Operations reports. [Issued irregularly.] * Paper, $6.00 a yr., $5.00 additional for foreign mailing; single copy each 10c. ● Item 231–B C 42.13/2: (nos.)

16977 58–65. Food regulations of Italy; [prepared by H. F. Shepston]. [Sept. 1958.] 8 p. 4°

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16978 58-66. Preparing shipments to Lebanon, documents needed, labeling and marking, entry and warehousing, customs procedures; [prepared by Near Eastern and African Division, Office of Economic Affairs]. [Oct. 1958.] 4 p. 4° [Supersedes pt. 2, no. 55-3, Jan. 1955.]

16979 58-67. Licensing and exchange controls, Finland; [prepared in European Division, Office of Economic Affairs]. [Oct. 1958.] 8 p. 4°

World trade information service: pt. 3, Statistical reports. [Issued irregularly.] * Paper, $6.00 a yr., $2.50 additional for foreign mailing; single copy each 20c. (1-3 yr. sub.). ● Item 231-B C 42.13/3:(nos.)

16980 58-30. Contribution of imports to U. S. raw material supplies, 1957, and comparisons with 1953-56; [prepared by Muriel S. Moore]. [Sept. 1958.] 8 p. il. 4°

16981 58-31. Trade of United States with western Europe, annual 1956 and 1957, quarterly Apr. 1957-June 1958; [prepared in International Economic Analysis Division, Office of Economic Affairs]. [Sept. 1958.] 4 p. 4°

16982 58-32. United States trade with major world areas, Jan.-June 1958; [prepared in International Economic Analysis Division, Office of Economic Affairs]. [Oct. 1958.] 4 p. 4°

16983 58-33. Trade of United States with southern, southeastern, and eastern Asia, annual 1956 and 1957, quarterly Apr. 1957-June 1958; [prepared in International Economic Analysis Division, Office of Economic Affairs]. [Oct. 1958.] 4 p. 4°

16984 58-34. Trade of United States with Africa, annual 1956 and 1957, quarterly Apr. 1957-June 1958; [prepared in International Economic Analysis Division, Office of Economic Affairs]. [Oct. 1958.] 4 p. 4°

16985 58-35. Trade of United States with Near East, annual 1957 and earlier years, quarterly Apr. 1957-June 1958; [prepared in International Economic Analysis Division, Office of Economic Affairs]. [Oct. 1958.] 4 p. 4°

16986 58-36. Total export and import trade of United States, Jan.-July 1958 (and August exports); [prepared in International Economic Analysis Division, Office of Economic Affairs]. [Oct. 1958.] 12 p. il. 4°

16987 58-37. Trade of United States with Latin America, annual 1956 and 1957, quarterly Apr. 1957-June 1958; [prepared in International Economic Analysis Division, Office of Economic Affairs]. [Oct. 1958.] 4 p. 4°

16988 58-38. Contribution of imports to U. S. food supplies, 1957, and comparisons with 1953-56; [prepared by Muriel S. Moore]. [Nov. 1958.] 4 p. il. 4°

FOREST SERVICE, Agriculture Dept.

Central States Forest Experiment Station: Station note. [Processed.] †

16989 119. Ground treatment and seed supply influence establishment of shortleaf pine reproduction; [by Martin E. Dale]. Oct. 1958. [2] p. il. 4° A 13.68/10:119

—— Technical paper. [Processed.] †

16990 156. Pulpwood or sawlogs from small hardwood trees [with list of literature cited; by] David P. Worley. Sept. 1958. cover title, [2]+7 p. il. 4° ([Division of Forest Economics.]) A 13.68/7:156

Forest resource report.

16991 13. Minnesota's forest resources; [by] R. N. Cunningham, A. G. Horn, D. N. Quinney. Oct. 1958. iii+52 p. il. map. (Lake States Forest Experiment Station.) [Map is colored.] * Paper, 55c. ● Item 83 L. C. card Agr 58-367 A 13.50:13

Intermountain Forest and Range Experiment Station: Misc. pub. [Processed.] † I 13.65/9:(nos.)

16992 16. Silvics of western larch [with list of literature cited]; by Kenneth N. Boe. June 1958. [5]+17 p. il. 4° [Map on p. 2 of cover.]

16993 17. Silvics of black cottonwood [with list of literature cited]; by Arthur L. Roe. June 1958. [3]+18 p. il. 4° [Map on p. 2 of cover.]

—— Research note. [Processed.] † A 13.65/8:(nos.)

16994 57. Production of poles in Montana, Idaho, and northeastern Washington, 1957; [by] Alvin K. Wilson. Sept. 1958. 5 p. 4° (Division of Forest Economics.)

16995 58. Germinative capacity of Engelmann spruce seed; [by] James D. Curtis. Oct. 1958. 3 p. 4° (Division of Forest Management Research.)

—— Research paper. [Processed.] †

16996 56. Effects of stocking on site measurement and yield of 2d-growth ponderosa pine in inland empire [with list of literature cited]; by Donald W. Lynch. May 1958. [5]+36 p. il. 4° A 13.65/7:56

Lake States Forest Experiment Station: Station papers. [Processed.] † A 13.61/8:(nos.)

16997 65. Silvical characteristics of Balsam poplar (Populus balsamifera) [with list of literature cited; by] Eugene I. Roe. June 1958. cover title, [1]+18 p. il. 4°

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Lake States Forest Experiment Station: Station papers—Continued

16998 66. Silvical characteristics of black maple (Acer nigrum) [with list of literature cited]; by Paul E. Slabaugh. July 1958. cover title, [1]+10 p. il. 4°

16999 67. Silvical characteristics of northern white-cedar (Thuja occidentalis) [with list of literature cited; by] R. M. Godman. July 1958. cover title, [1]+18 p. il. 4°

—— Technical notes. [Processed.] † A 13.61/10: (nos.)

17000 540. 1957 forest tree seed crop about average in Lake States. Oct. 1958. [2] p. 4°

17001 541. Site index curves for paper birch in northern Wisconsin; [by] John H. Cooley. Oct. 1958. [2] p. il. 4°

17002 542. Timing DDT sprays in spring for European pine shoot moth control; [by] William E. Miller, Dean L. Haynes. Oct. 1958. 1 p. 4°

17003 543. Control of European pine shoot moth with concentrated DDT sprays; [by] William E. Miller, Dean L. Haynes. Oct. 1958. [2] p. il. 4°

17004 544. Forest planting in northern lower Michigan by county; [by] Robert N. Stone. Oct. 1958. [2] p. il. 4°

17005 545. Forest area in Michigan counties; [by] V. E. Findell, R. E. Pfeifer. Oct. 1958. [2] p. 4°

17006 National forest areas, June 30, 1958, summary. Nov. 1958. 16 p. il. †
● Item 86
L. C. card Agr 16-330 A 13.10: 958

GENERAL ACCOUNTING OFFICE

GAO manual for guidance of Federal agencies [titles 1–9]. [Issued in loose-leaf form.] * Paper, $7.50 (including basic manual and supplementary service); $2.00 additional for foreign mailing.
GA 1.6/10: 957/trans. (nos.)

17007 title 1. United States General Accounting Office, transmittal sheet no. 1–2; Oct. 15, 1958. [1958.] 2+[7] p. il.

17008 title 3. Audit, transmittal sheet 3–1; Oct. 15, 1958. [1958.] [9] p.

17009 title 3. Audit, transmittal sheet 3–2; Oct. 24, 1958. [1958.] [3] p.

17010 title 7. Standardized fiscal procedures, transmittal sheet no. 7–7; Oct. 15, 1958. [1958.] [67] p.

GEOLOGICAL SURVEY, Interior Dept.

Bulletin.

17011 1046–I. Geology of Majuba Hill, Pershing County, Nev. [with list of literature cited]; by Albert F. Trites, jr., and Ralph H. Thurston. [1958.] iii+183–203 p. il. 5 pl. in pocket. [Concerns work done on behalf of Atomic Energy Commission and is published with permission of Commission. Contributions to geology of uranium. One of the plates is colored.] * Paper, $1.50. ● Item 620 I 19.3: 1046–I

17012 United States water resource development, flood control, irrigation, navigation and power development activities of Department of Army, Corps of Engineers, Department of Interior, Bureau of Indian Affairs, Bureau of Reclamation, Southwestern Power Administration, Tennessee Valley Authority: compiled and printed by Geological Survey [colored map]. Scale 1: 2,500,000, 1 in.=approximately 40 miles. n. p. edition of Sept. 1958. 2 sheets, each 47×38 in. [Albers equal area projection.] * $2.25.
I 19.25: W 29/958/sh. 1, 2

Insets:
Alaska, scale 200 m.=1.2 in.
Hawaii, scale 100 m.=1.2 in.
Puerto Rico and Virgin Islands, scale 80 m.=2 in.
Small map of United States showing major drainage areas.

Water-supply paper. ● Item 625

17013 1428. Saline-water resources of North Dakota [with selected bibliography]; by C. J. Robinove, R. H. Langford, and J. W. Brookhart. 1958. iv+72 p. il. map in pocket. [Description of principal saline-water aquifers and surface-water bodies, with available analyses.] * Paper, 60c.
L. C. card GS58-220 I 19.13: 1428

HOUSING AND HOME FINANCE AGENCY

17014 11th annual report, Housing and Home Finance Agency [calendar year] 1957. [1958.] cover title, x+298+[1] p. il. 4° [Includes reports of constituent agencies and units. Edge index and how to use on last page.] * Paper, $1.50. ● Item 581
L. C. card 48-47166 HH 1.1: 957

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HYDROGRAPHIC OFFICE (Navy), Defense Dept.

17015 Chart correction list [from] Notice to mariners 1–26 of 1958, arranged according to chart numbers. [1958.] 37 p. [Semiannual.] †
D 203.21/2 : 958

H. O. publication. ● Item 378 (Rev. 1957). D 203.22 : (nos.)

17016 35. List of lights and fog signals, Baltic Sea, with Kattegat, belts and sound and Gulf of Bothnia, pt. 1 ; Sept. 20, 1958. First edition. 1958. [2]+A–B+3–52 p. il. 4° [First of 4-year series of 8 parts to be issued semiannually in lieu of Changes. Includes lists of effective pages and Notice to mariners corrections up to and including NM 38, 1958. Issued in loose-leaf form.] † Paper, 40c.
L. C. card 7–24405

17017 159. Change 5 [June 14, 1958], loose-leaf change pages for correcting Sailing directions for west coast of India, 4th edition, 1951. 1958. [110] p. il. 4° [Includes list of effective pages.] † Paper, 35c.

17018 171. Change 4 [Aug. 23, 1958], loose-leaf change pages for correcting Sailing directions for New Zealand, 3d edition, 1952. 1958. [200] p. il. 4° [Includes list of effective pages.] † Paper, 35c.

17019 Index to Notices to mariners, nos. 1–26, inclusive, 1958. 1958. [1]+42 p. †
L. C. card 56–33063 D 203.8 : 958/1–26/ind.

INDIAN AFFAIRS BUREAU, Interior Dept.

17020 McNary Dam townsite, offers unlimited industrial sites. [1958.] [8] p. il. 4° folded into narrow 8° size. † ● Item 627 I 20.2 : M 23

INTERNAL REVENUE SERVICE, Treasury Dept.

17021 Tax guide for U. S. citizens abroad. 1959 edition [revised Oct. 1958]. [1958.] iii+26 p. (Publication 54.) † ● Item 961
L. C. card 54–61903 T 22.19 : C 49/959

Title 26 (1954), Code of Federal regulations, pt. [Issued with perforations.]

17022 275. Manufactured tobacco, manufacturers, importers, and dealers. [Revised Jan. 1958.] [1958.] cover title, 14+[1] p. 4° (Publication 217.) * Paper, 15c. ● Item 961 T 22.17/3 : 275/2

INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES AND MEXICO

Water bulletin.

17023 26. Flow of Rio Grande and related data from Elephant Butte Dam, N. Mex., to Gulf of Mexico, 1956, storage in major reservoirs, sources of river flow, diversions, suspended silt, chemical analyses, sanitary aspects of water quality, meteorologic data, drainage basin and irrigated areas. [1958.] 120 p. il. [Processed. Pages 118–120 are left blank.] †
S 3.19/2 : W 29/no. 26

INTERNATIONAL COOPERATION ADMINISTRATION, State Dept.

17024 Materials handling. [Federal Lithograph Co., Sept. 1958.] cover title, 16 p. il. oblong 24° (Technical Aids Branch.) [Processed. Text and other illustrations on p. 1–4 of cover.] † S 17.2 : M 41

17025 Register of voluntary agencies ; Nov. 1958. [1958.] 4 leaves, 4° (Advisory Committee on Voluntary Foreign Aid.) [Processed.] †
L. C. card 57–60774 S 17.41 : 958

INTERSTATE COMMERCE COMMISSION

17026 Cost of transporting freight by class 1 and class 2 motor common carriers of general commodities, New England region, 1957, group 2, between New England and New York City area and beyond ; prepared by Cost Finding Section. Washington, D. C., Oct. 1958. cover title, ii+43 p. 4° (Statement 4–58 ; Bureau of Accounts, Cost Finding and Valuation.) [Processed. This study, issued as information, has not been adopted by Interstate Commerce Commission.] †
L. C. card A58–8988 IC 1 acco. 2 : F 88/9/957

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17027 Decisions of Interstate Commerce Commission, Feb.-Aug. 1956. 1958. xxxiv+918 p. il. (Interstate Commerce Commission reports, v. 298.) * Cloth, $4.25. ● Item 677
L. C. card 8-30656 IC 1.6 : 298

17028 Freight commodity statistics, class 1 railroads in United States for year ended Dec. 31, 1957. (1958.) cover title, p. 3-254, oblong large 8'' (Statement 58100, 34th in series; Bureau of transport Economics and Statistics.) * Paper, $3.00. ● Item 704
L. C. card 41-41827 IC 1 ste. 29 : 957

Motor carrier accident investigation report. [Processed.] †

17029 28. Southwestern Greyhound Lines, Inc., accident of May 15, 1958, near Denison, Tex. [1958.] [1]+8 p. il. 4° (Bureau of Motor Carriers, Section of Motor Carrier Safety.) IC mot. 18 : 28

17030 Railroad accident investigation, ex parte 213, Illinois Central Railroad Company, Mt. Pulaski, Ill., June 1, 1958; [decided Oct. 16, 1958]. [1958.] 7 p. il. 2 pl. 4° [Processed.] † IC 1 acci. 5 : M 863p/2

17031 —— ex parte 215, Central Railroad Company of New Jersey, Elizabethport, N. J., Sept. 15, 1958. [1958.] 12 p. il. 4° [Processed.] †
IC 1 acci. 5 : E 148/3

Railroad accident investigation reports. [Processed.] †
IC 1 acci. 5 : (nos.)

17032 3809. Chicago and Eastern Illinois Railroad Company, Cypress, Ill., May 15, 1958. [1958.] 7 p. il. 4°

17033 3811. Atchison, Topeka and Santa Fe Railway Company and Chicago, Rock Island and Pacific Railroad Company, Marion, Kans., July 4, 1958. [1958.] 9 p. il. 4°

JOINT PUBLICATIONS RESEARCH SERVICE

NOTE.—Unless otherwise indicated, photocopies of reports of the Joint Publications Research Service may be purchased from Photoduplication Service, Library of Congress, Washington 25, D. C. (price upon application).

JPRS/DC (series). [Processed.] Y 3.J 66 : 9/(nos.)

17034 288. Preliminary results of scientific investigations carried out with aid of first Soviet artificial earth satellites and rockets: [pt. 3, Medico-biological investigations with rockets, with bibliography; by A. M. Galkin and others]. Oct. 24, 1958. [1]+55 p. il. 4° [From Sbornik statey (Collected reports), no. 1, 1958.]
L. C. card 58-62327

17035 331. Dissertations from Knizhnaya letopis', no. 6. Oct. 14, 1958. [19] leaves, 4° [Publication consists of detachable cards, 2 to each sheet, giving author, title and source of dissertations, and various other details.]

17036 332. Dissertations . . . from Knizhnaya letopis', no. 5. Oct. 14, 1958. [21] leaves, 4° [Publication consists of detachable cards, 2 to each sheet, giving author, title, source of dissertations, and various other details.]

17037 334. Summary of Polish Provincial Press (July 15-21, 1958). Oct. 14, 1958. [1]+a-b+1-28, 30-31 p. 4° [Includes list of newspaper sources.]
L. C. card 58-60883

17038 336. Monthly digest of Hungarian statistical periodicals. Oct. 14, 1958. [1]+a+47 p. 4° [Includes list of sources.]
L. C. card 58-60967

17039 338. History of development and present status of cartography in China; [by Ch'eng Shu-p'eng]. Oct. 21, 1958. [1]+3 p. 4° [From Izvestiya Akademii Nauk SSSR, seriya geograficheskaya (News of Academy of Sciences, USSR, geography series), no. 3, may-June 1957, Moscow.]

17040 339. Short survey of Meditsinskiy rabotnik. (Medical worker.) [Feb. 28-Apr. 8, Apr. 29-May 9, 1958, nos. 17-28 (1661-72), nos. 34-37 (1678-81).] Oct. 21, 1958. [1]+52 p. 4°

17041 340. Short survey of Meditsinskiy Rabotnik (Medical worker), [Apr. 12-Aug. 9, 1957, nos. 30-65]. Oct. 21, 1958. [1]+65 p. 4°

17042 341. Nonlinear, nonstationary problem of determination of pressure field on planetary scale at mid-level of atmosphere, USSR [with bibliography; by Ye. N. Blinova and S. L. Belousov]. Oct. 24, 1958. [1]+6 p. il. 4° [From Doklady Akademii nauk SSSR (Reports of Academy of Sciences of USSR), vol. 120, no. 2, 1958, Moscow.]

17043 342. Development of organs of local government and administration in People's Republic of China; [by L. M. Gudoshnikov]. Oct. 21, 1958. [1]+18 p. 4° [From Sovetskoye Gosudarstve i Pravo (Soviet state and law), no. 10, Moscow, Oct. 1957.]
L. C. card 58-62328

17044 343. Summary of Polish provincial press [July 8-14, 1958]. [1958.] [1]+a-b+31 p. 4° [Includes list of newspaper sources.]
L. C. card 58-60883

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17045 344. Review of Hungarian central press (June 6–12, 1958). Oct. 21, 1958. [1]+a+102 p. 4° [Includes list of sources.]
L. C. card 58–60874

17046 345. Summary of Polish provincial press (July 22–28, 1958). Nov. 4, 1958. [1]+a–b+39 p. 4° [Includes list of newspaper sources.]
L. C. card 58–60883

17047 349. Foreign trade of USSR 1958 [1956] (statistical survey). Nov. 4, 1958. [1]+a–c+240 p. 4° ([Economic Planning Administration, Ministry of Foreign Trade USSR.]) [Supplement to Vneshnyaya torgovaya (Foreign Trade) 1958, Moscow, Foreign Trade Publishing House.]
L. C. card 62374

17048 350. Unpaid labor in China; [by Akira Doi]. Nov. 4, 1958. [1]+12 p. 4° [From Ajiya kenkyu (Asiatic studies), v. 1, no. 1, Tokyo, 1954.]
L. C. card 58–62317

17049 351. Summary of Polish provincial press, July 29–Aug. 4, 1958. Oct. 31, 1958. [1]+a+35 p. 4° [Includes list of newspaper sources.]
L. C. card 58–60883

17050 353. Semiannual plan fulfillment of USSR Republics. Oct. 31, 1958. [1]+a+163 p. 4° [From Sovetskaya Rossiya (Soviet Russia), Aug. 3, 1957, no. 183 (337).]
L. C. card 58–62316

17051 354. Monthly information report on Afghanistan. Oct. 31, 1958. [1]+a–b+33 p. 4° [Source coverage, July 22–Sept. 3, 1958.]
L. C. card 58–60880

17052 357. Summary of Polish provincial press (Aug. 5–11, 1958). Nov. 4, 1958. [1]+a–b+32 p. 4° [Includes list of newspaper sources.]
L. C. card 58–60883

17053 358. Summary of Polish provincial press (Aug. 12–18, 1958). Nov. 4, 1958. [1]+a–b+32 p. 4° [Includes list of newspaper sources.]
L. C. card 58–60883

17054 359. Short survey of Meditsinskiy rabotnik (Medical worker), [Sept. 29–Oct. 29, 1957, nos. 78–87]. Nov. 7, 1958. [1]+39 p. 4°
L. C. card 58–61191

17055 360. Summary of Polish provincial press [Aug. 19–25, 1958]. Nov. 7, 1958. [1]+a–b+31 p. 4° [Includes list of newspaper sources.]
L. C. card 58–60883

17056 361. Summary of Polish provincial press; [Aug. 26–Sept. 1, 1958]. [1958.] [1]+a–b+31 p. 4° [Includes list of newspaper sources.]
L. C. card 58–60883

17057 363. Water transportation in People's Republic of China; by Z. A. Shashkov]. Nov. 4, 1958. [1]+28 p. 4° [From Vodnyy transport kitayskey narodnoy respubliki (Water transportation in People's Republic of China), series 4, no. 11, 1958, Moscow.]

17058 368. Excerpts from Economic geography of Inner Mongolia autonomous region. Nov. 7, 1958. [3]+125 p. il. 4° [From Nei-meng-ku Tzu-chih-ch'u Ching-chi Ti-li (Economic geography of Inner Mongolia autonomous region), Peiping, Mar. 1956 (Second printing, Feb. 1957).]
L. C. card 58–62375

17059 369. Governmental structure of Indonesia; [by L. Ya. Dadiani]. Nov. 12, 1958. [1]+a+54 p. il. 4°
L. C. card 58–62376

JPRS (DC) L (series). [Processed.] Y 3.J 66/10: (nos.)

17060 464. Minerals and building industry in 2d quarter of 1956, Poland. Oct. 23, 1958. 1+6 leaves, 4° Φ Paper, 50c. (PB 141224T).

17061 485. New development trends in international gravure printing; [by R. M. P. Conrad]. Oct. 20, 1958. [1]+11 leaves, 4° [From Der Druckspiegel (The Printing mirror), v. 13, no. 5, May 1958, Stuttgart.] Φ Paper, 50c. PB 141176 T).

17062 526. Cybernetics and life; [by I. Radunskaya]. Oct. 29, 1958. [1]+10 leaves, 4° [From Ogonek (Little flame) July 14, 1957, no. 29 (1570), Moscow.] Φ Paper, 50c. (PB 141223 T).

17063 530. Isolation of coxiella burneti from stable dust in Yugoslavia [with bibliography; by B. Arsic Vuksic and others]. Oct. 6, 1958. [1]+7 leaves, 4° [From Higijena (Hygiene), v. 8, no. 4, 1956, Belgrade.] Φ Paper, 50c. (PB 141291 T).

17064 538. Review of M. L. Bernshteyn's steels and alloys for working at high temperatures (1956); [by I. A. Oding, M. S. Aronovich]. Oct. 20, 1958. [1]+3 leaves, 4° (From Metallovedeniye i obrabotka metallov (Metallegraphy and metal processing), no. 2, Feb. 1958, Moscow.] Φ Paper, 50c. (PB 141294 T).

17065 543. Advantages of using special equipment for transporting loose cement. Poland; [by Franciszek Taczanowski]. Oct. 30, 1958. [1]+5 leaves, 4° [From Materialy budowlane (Building materials), v. 12, no. 12, Dec. 1957, Warsaw.] Φ Paper, 50c. (PB 141293 T).

17066 550. Development and progress of Soviet hydroelectric construction over 40 years; [by F. G. Loginov]. Oct. 6, 1958. [1]+14 leaves, 4° [From Gidrotekhnicheskoye stroitel'stvo (Hydraulic engineering construction), no. 11, Nov. 1957, Moscow.] Φ Paper, 50c. (PB 141292 T).

17067 551. Hydroelectric power construction at new high stage of development, USSR; [by R. P. Nosov]. Oct. 29, 1958. [1]+14 leaves, 4° [From Gidrotekhnicheskoye stroitel'stvo (Hydroelectric construction), no. 11, Nov. 1957, Moscow.] Φ Paper, 50c. (PB 141221 T).

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17070 761. Changes of interoceptive unconditioned reflexes produced by action of ionizing radiation; [by Ye. I. Komarov]. Sept. 29, 1958. [1]+8 leaves, 4° [From Meditsinskaya radiologiya (Medical radiology), vol. 2, no. 3, May-June 1957, Moscow.] Φ Paper, 50c. (PB 141253 T).

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17072 767. Effectiveness of cysteinamine for prevention of radiation disease under clinical conditions [with bibliography; by A. I. Strachinin]. Sept. 29, 1958. [1]+4 leaves, 4° [From Meditsinskay radiologiya (Medical radiology), v. 2, no. 3, May-June 1957, Moscow.] Φ Paper, 50c. (PB 141252 T).

17073 769. Use of antibiotics in surgery; [by N. N. Yelanskiy]. Oct. 6, 1958. [1]+13 leaves, 4° [From Khirurgiya (Surgery), no. 10, Oct. 1957, Moscow.] Φ Paper, 50c. (PB 141288 T).

17074 770. Achievements and problems in science of chemistry [analysis of report of A. N. Nesmeyanov]. Oct. 6, 1958. [1]+8 leaves, 4° [From Izvestiya sovetov deputatov trusyashchikhsya SSSR (News of councils of workers' deputies of USSR), no. 146, June 19, 1958.] Φ Paper, 50c. (PB 141287 T).

17075 771. For over-all automatic control of processes in iron and steel industry. Oct. 6, 1958. [1]+14 leaves, 4° [From Stal' [Steel], v. 18, no. 6, June 1958.] * Paper, 50c. (PB 141289 T).

17076 772. Economic effectiveness of use of oxygen in making iron and steel [with bibliography; by V. F. Andreyev]. Oct. 6, 1958. [1]+22 leaves, 4° [From Stal' (Steel), v. 18, no. 6, June 1958.] Φ Paper, 50c (PB 141290 T).

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17078 830. Rumanian nuclear reactor; [by Alex. Stefanescu]. Oct. 3, 1958. [1]+6 leaves, 4° [From Energetica (Energetics), vol. 5, no. 11, Nov. 1957, Bucharest.] Φ Paper, 50c. (PB 141280 T).

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17080 719. Soviet abstracts: Chemistry [sec. D, Cosmochemistry, geochemistry, hydrochemistry; sec. H, Chemical technology, chemical products and their application; sec. I, Chemical technology, chemical products and their application]. Sept. 11, 1958. [54] leaves, 4° [Translations of those entries in Soviet chemistry abstracts journal no. 2, 1958, which were originally published in countries of Sino-Soviet bloc and Yugoslavia, excluding Soviet Union.] Φ Paper, $1.00 (PB 141376 T).
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17082 724. Results of investigations of outer region of ionosphere according to observations of radio signals of 1st artificial earth satellite; [by Ya. L. Al'pert, E. F. Chudusenko, B. S. Shapiro]. Oct. 7, 1958. [1]+73 leaves, 4° [From Predvaritel'nyye itogi nauchnykh isledovaniy s pomoshch'ya persykh Sovetskikh iskuestvennykh sputnikov zemli i raket, sbornik statey (Preliminary results of scientific research by means of 1st Soviet earth satellites and rockets, collection of articles), no. 1, pt. 2, 1958.] Φ Paper, $2.00 (PB 141302 T).
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17083 726. Soviet abstracts: Biology, sec. V, Human and animal physiology (v. 4, 1958). Oct. 7, 1958. [135] leaves, 4° [Translations of those entries in Soviet biology abstracts journal 4, 1958, which were originally published in Sino-Soviet block and in Yugoslavia.] Φ Paper, $1.00 (PB 141397 T).
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17113 794. Soviet abstracts: Physics (v. 3, 1958), Sino-Soviet abstracts excluding USSR. Oct. 9, 1958. [73] leaves, 4° [Translations of those entries in Soviet physics abstracts journal no. 3, 1958, which were originally published in Sino-Soviet bloc and in Yugoslavia.] Φ Paper, $1.00 (PB 141399 T).
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17149 847. Selected economic translations on eastern Europe: [Czechoslovakia]. Oct. 24, 1958. [1]+a+20 p. 4°

17150 848. Selected economic translations on eastern Europe: [East Germany and Poland]. Oct. 31, 1958. [1]+a+43 p. 4°

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17152 881. Soviet abstracts: Chemistry, sec. C, Inorganic chemistry, sec. D, Cosmochemistry, geochemistry, hydrochemistry (v. 3, 1958). Oct. 28, 1958. [9] leaves, 4° [Translations of those entries in Soviet chemistry abstracts journal no. 3, 1958, which were originally published in Sino-Soviet bloc and in Yugoslavia, excluding USSR.] Φ Paper, $1.00 (PB 141485 T).
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17154 265. Physiological basis of vaccine process; [by I. I. Rogozin, V. N. Krylov and, A. G. Katrushenko]. Aug. 20, 1958. [1]+9 leaves, 4° [From Voyenno-meditsinskiy zhurnal (Journal of military medicine), no. 1, Moscow, Jan. 1955.] Φ(Price upon application PB 141300 T).

17155 277. Problems of Hungarian railways during future railway electrification; [by Kalman Toth]. Aug. 6, 1958. [1]+11 leaves, il. 4° [From Elektrotechnika (Electrical engineering), v. 51, no. 1-2, Budapest, Jan.-Feb. 1958.] Φ(Price upon application, PB 141141 T).

17156 279. Principles of antibiotic therapy in acute radiation sickness [with bibliography; by R. V. Petrov and V. D. Rogozkin]. Aug. 7, 1958. [1]+21 p. 4° [From Patologicheskaya fiziologiya i eksperimental'naya terapiya (Pathologic physiology and experimental therapy), Moscow, no. 1, v. 2, Jan.-Feb. 1958.] Φ(Price upon application, PB 141142 T).

17157 281. Influence of external X- and internal beta-irradiation on development of aspetic inflammation [with bibliography; by T. S. Barkagan]. Aug. 7, 1958. [1]+6 p. 4° [From Patologicheskaya Fiziologiya i eksperimental'naya terapiya (Pathologic physiology and experimental therapy), Moscow, no. 1, v. 2, Jan./Feb. 1958.] Φ(Price upon application, PB 141144 T).

17158 282. Blood destruction in radiation sickness and effect of hemotherapy on this process [with bibliography; by M. G. Shitikova]. Aug. 7, 1958. [1]+9 p. 4° [From Patolgicheskaya fiziologiya i eksperimental'naya terapiya (Pathologic physiology and experimental therapy), Moscow, no. 1, v. 2, Jan.-Feb. 1958.] Φ(Price upon application, PB 141145 T).

17159 283. Iron metabolism in radiation sickness [with bibliography; by L. L. Shepshelevich]. Aug. 7, 1958. [1]+8 p. 4° [From Patologicheskaya fiziologiya i eksperimental'naya terapiya (Pathologic physiology and experimental therapy), Moscow, no. 1, v. 2, Jan.-Feb. 1958.] Φ(Price upon application, PB 141146 T).

17160 284. Influence of generalized X-irradiation on mineral metabolism in bone tissue [with bibliograpy; by N. A. Zhizhina]. Aug. 7, 1958. [1]+9 p. 4° [From Patologicheskaya fiziologiya i eksperimental'naya terapiya (Pathologic physiology and experimental therapy), Moscow, no. 1, v. 2, Jan./Feb. 1958.] Φ(Price upon application, PB 141147).

17161 285. Influence of pentoxyl and thesane on peripheral blood picture in radiation sickness [with bibliography: by R. N. Abdullina, Z. Ya. Lagno (Ufa).] Aug. 7, 1958. [1]+9 p. 4° [From Patolgicheskaya fiziologiya i eksperimental'naya terapiya (Pathologic physiology and experimental therapy), Moscow, no. 1, v. 2, Jan.-Feb. 1958.] Φ(Price upon application PB 141148 T).

17162 286. Radioautography studies of rat sarcoma during sarcolysin therapy [with bibliography; by I. M. Solopayev]. Aug. 7, 1958. [1]+10 p. 4° [From Patologicheskaya fiziologiya i eksperimental'naya terapiya (Pathologic physiology and experimental therapy), Moscow, no. 1, v. 2, Jan.-Feb. 1958.] Φ(Price upon application, PB 141149 T.)

17163 287. On methodology of clinical classification of types of higher nervous activity in man; [by Ya. I. Dreyerman]. Aug. 11, 1958. [1]+7 leaves, 4° [From Terapevticheskiy arkhiv (Therapeutic archives), v. 30, no. 2, Moscow, Feb. 1958.] Φ(Price upon application, PB 141150 T).

17164 288. Certain problems in study of higher nervous activity under clinical conditions; [by N. V. Levenkov]. Aug. 13, 1958. [1]+6 leaves, 4° [From Terapevticheskiy arkhiv (Therapeutic archives), v. 30, no. 2, Moscow, Feb. 1958.] Φ(Price upon application, PB 141151 T).

17165 293. Vasiliy Feafilavich Kuprevich (on 60th anniversary of his birth). Aug. 20, 1958. [1]+8 leaves, 4° [From Vestsi Akademii Navuk Belaruskay SSSR (News of Academy of Science BSSR) no. 1, Minsk, 1957.] Φ(Price upon application PB 141152 T).

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17166 298. Study of rates of incorporation of radioactive iron (FE^{59}) into nuclei and cytoplasm of normal and tumor tissues in animals following administration of different iron preparations [with bibliography; by F. A. Kruchakova]. Aug. 20, 1958. [1]+10 p. 4° [From Voprosy meditsinskoy khimii (Problems in medical chemistry), v. 4, no. 1, 1958.] Φ(Price upon application, PB 141154 T).

17167 299. Comparative studies on dynamics of synthesis of antibodies and of nonspecific G-globulins [with bibliography; by G. A. Annenkov]. Aug. 20, 1958. [1]+8 leaves, 4° [From Voprosy meditsinskoy khimii (Problems in medical chemistry), v. 4, no. 1, Moscow, 1958.] Φ(Price upon application, PB 141155 T).

17168 300. Purification and crystallization of erythrogenic scarlatinous toxin [with bibliography; by I. V. Kushko, A. N. Konikov, and A. S. Shcheglova]. Aug. 20, 1958. [1]+6 leaves, 4° [From Voprosy meditsinskoy khimii (Problems of medical chemistry), v. 4, no. 1, Moscow, 1958.] Φ(Price upon application, PB 141156 T).

17169 310. Conference on problems of foci and epidemiology of especially dangerous infections; [by V. Ye. Korostelev, F. M. Reutov]. Aug. 21, 1958. [1]+5 leaves, 4° [From Voenno-meditsinskii zhurnal (Military medical journal) no. 3, Moscow 1957.] Φ(Price upon application, PB 141163 T).

17170 311. Polarigraphic investigation of blood proteins of cancer patients before and after roentgenological examination [with bibliography; by I. P. Mitev and M. S. Kharizànova.] Aug. 22, 1958. [1]+8 leaves, 4° [From Arkhiv patologii (Archives of pathology) v. 20, no. 2, Moscow, Feb. 1958.] Φ Price upon application (PB 141165 T).

17171 339. Excerpts from Endocrine glands in embryonic development of birds and mammals; [by M. S. Mitskevich]. Oct. 16, 1958. [1]+48 p. 4° [From Zhelezy Vnutrenney Sekretsii v Zarodyshevom Razvitii Ptitis i Mlekopitayushchikh, Moscow, 1957.] Φ Paper, $1.25 (PB 141227 T).

17172 345. Characteristics of afferent apparatus of conditioned reflex and its significance for psychology; [by P. K. Anokhin]. Oct. 2, 1958. [1]+3 p. 4° [From Voprosy psikhologii (Problems of psychology), no. 6, Moscow, Nov./Dec. 1955.] Φ Paper, 50c. (PB 141238 T).

17173 347. Stimulating forces behind behavior of individual [with bibliography; by V. I. Selivanov]. Oct. 2, 1958. [1]+19 leaves, 4° [From Voprosy psikhologii (Problems of psychology), no. 3, Moscow, May/June 1957.] Φ Paper, 50c. (PB 141240 T).

17174 348. Theory of N. Ye. Vvedenskiy and A. A. Ukhtomskiy on inhibition and its connection with I. P. Pavlov's theory; [by V. S. Rusinov]. Oct. 2, 1958. [1]+15 leaves, 4° [From Zhurnal vysshey nervnoy deyatel 'nosti imeni I. P. Pavlova (Journal of higher nervous activity imeni I. P. Pavlov), vol. 5, no. 3, Moscow, May/June 1955.] Φ Paper, 50c. (PB 141241 T).

17175 358. Basic characteristics of development of physiology of higher nervous activity after Great October Socialist Revolution; [by I. V. Danilov and P. S. Kupalov]. Oct. 9, 1958, [1]+17 leaves, 4° [From Fiziologicheskiy zhurnal SSSR (Physiology journal USSR), v. 43, no. 11, Moscow, Nov. 1957.] Φ Paper, 50c. (PB 141256 T).

17176 359. Development of physiology of central nervous system in Soviet Union during 40 years; [by I. Beritov]. Oct. 9, 1958. [1]+22 p. 4° [From Fiziologichskiy zhurnal SSSR (Physiology journal USSR) v. 43, no. 11, Moscow, Nov. 1957.] Φ Paper, 75c. (PB 141257 T).

17177 361. On feelings and emotions [with bibliography; by A. G. Kovalev]. Oct. 2, 1958. [1]+12 leaves, 4° [From Voprosy psikhologii (Problems of psychology), Moscow, no. 4, July-Aug. 1957.] Φ Paper, 50c. (PB 141259 T).

17178 362. Formation of Re^{188} in irradiation of tungsten by slow neutrons [with bibliography; by B. S. Dzhelepov, N. D. Novosil'tseva, P. A. Tishkin]. Oct. 2, 1958. [1]+4 leaves, 4° [From Izvestiya Akademii Nauk SSSR, Seriya fizicheskaya, v. 18, no. 1, Moscow, 1954.] Φ Paper, 50c. (PB 141260 T).

17179 364. Tasks of medical antiepidemic service [by E. Kamenov]. Oct. 9, 1958. [1]+1—11+13—14 leaves, 4° [The omission of leaf numbered 12 does not indicate omitted material. From Zdravno delo (Health affairs), v. 10, no. 2, Sofia, Mar.-Apr. 1957.] Φ Paper, 50c. (PB 141262).

17180 365. Qualitative indexes in antiepidemic work; [by N. Nikiforov]. Oct. 9, 1958. [1]+2 leaves, 4° [From Zdravno delo (Health affairs) v. 10, no. 2, Sofia, Mar.-Apr. 1957.] Φ Paper, 50c. (PB 141263 T).

17181 367. Excerpts from Problems of reactivity of organism in internal diseases; [by M. V. Chernorutskiy]. Oct. 27, 1958. [1]+103 p. 4° [From Voprosy reaktivnosti organizma pri vnutrennikh zabolevaniyakh, Leningrad, 1956.] Φ Paper, $2.50 (PB 141265 T).

17182 368. Localization of functions in cerebral cortex [with bibliography; by Ye K. Sepp]. Oct. 6, 1958. [1]+14 leaves, 4° [From Zhurnal nevropatologii i psikhiatrii imeni S. S. Korsakova (Journal of neuropathology and psychiatry imeni S. S. Korsakov), v. 55, no. 12 Moscow, 1955. Φ Paper, 50c. (PB 141267 T).

17183 369. Application of multipolar electrodes to hypothalamic area of dogs during chronic experiments [with bibliography; by P. G. Bogach and A. P. Kosenko]. [1]+6 leaves, 4° [From Fiziologicheskiy zhurnal SSSR (Physiology journal of USSR), v. 42, no. 11, Moscow, Nov. 1956.] Φ Paper, 50c. (PB 141268 T).

17184 371. Cybernetics; [by V. V. Solodovnikov]. Oct. 5, 1958. [1]+10 leaves, 4° [From Nauka i zhizn' (Science and life), no. 6, June 1957.] Φ Paper, 50c. (PB 141269 T).

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17185 372. Cybernetics and its future. Oct. 7, 1958. [1]+7 leaves, 4° [From Moskovskiy propagandist (Moscow propagandist) no. 1, Jan. 1958.] Φ Paper, 50c. (PB 141270 T).

17186 373. Measurements of intensities of radio wave field of broadcast stations for geological mapping; [by V. K. Khmelevskoy, A. D. Frolov]. Oct. 7, 1958. [1]+10 leaves, 4° [From Razvedka i okhrana nedr (Prospecting and conservation of mineral resources), no. 5, Moscow, 1958.] Φ Paper, 50c. (PB 141271 T).

17187 375. On status and development of telegraph communications in railroad transport; [by P. G. Lishunin, V. I. Katsalapenko]. Oct. 9, 1958. [1]+4 leaves, 4° [From Avtomatika, telemekhanika, i svyaz' (Automation, telemechanics, and communication), no. 7, July 1958.] Φ Paper, 50c. (PB 141273 T).

17188 376. Ultrashort wave broadcasting. Oct. 9, 1958. [1]+6 leaves, 4° [From Nauka i zhizn' (Science and life) no. 8, Aug. 1955.] Φ Paper, 50c. (PB 141274 T).

17189 381. Non-press method for preparing gas-filled plastics and light parts for aviation construction [with bibliography; by A. L. Abibov, V. A. Popov]. Sept. 6, 1958. [1]+18 p. 4° [From Issledovaniya nekotorykh rezinovykh i plasticheskikh materialov (Study of certain rubber and plastic materials), no. 93, Moscow, 1957.] Φ Paper, 50c. (PB 141281 T).

17190 383. Nonferrous ore deposits in Bulgaria; [by F. Ekiert, E. Konstantynowicz]. Oct. 28, 1958. [1]+9 leaves, 4° [From Przeglad geologiczny (Geological review), v. 6, no. 5 (62), Warsaw, May 1958.] Φ(Price upon application, PB 141282 T).

17191 385. Celebration in honor of Leonid Ivanovich Sedov; [by G. Gol'denberg]. Oct. 9, 1958. [1]+7 leaves, 4° [From Vestnik Moskovskogo Universiteta (Herald of Moscow University) no. 4, Moscow, 1957.] Φ Paper, 50c. (PB 141284 T).

17192 386. Carboxyl-containing rubbers: [Report 1, Synthesis of carboxyl-containing rubbers and investigation of structures of polymers and rubbers, with bibliography; by V. A. Dolgoplosk and others]. Oct. 9, 1958. [1]+11 leaves, 4° [From Kauchuk i resina (Caoutchouc and rubber), no. 3, Moscow, 1957.] * Paper, 50c. (PB 141285 T).

17193 391. On improvement of management in textile industry; [by K. Schille]. Oct. 14, 1958. [1]+10 leaves, 4° [From Deutsche textiltechnik (German textile technology), v. 8, no. 4, Berlin.] Φ Paper, 50c. (PB 141300 T).

17194 403. Five-year plan for cement industry; by Jerzy Bolkowski, Ryszard Markiewicz]. Oct. 17, 1958. [1]+18 p. 4° [From Cement, wapno, gips (Cement, lime, gypsum), v. 13/22, no. 1, Krakow, Jan. 1957.] Φ Paper, 50c. (PB 141310 T).

17195 410. Role of autoantigens and autoantibodies in pathogenesis of internal diseases [with bibliography; by Yu. K. Kupchinskas]. Oct. 27, 1958. [1]+9 leaves, 4° [From Klinicheskaya meditsina (Clinical medicine), v. 35, no. 11, Moscow, Nov. 1957.] Φ Paper, 50c. (PB 141314 T).

17196 412. How to produce 2 abundant crops in 2-crop rice culture program. Oct. 23, 1958. [1]+8 leaves, 4° [From Chung-kuo nung pai, supplement, (China farm bulletin), no. 2, Peiping, Feb. 28, 1958. Leaf numbered 5 has been duplicated.] Φ Paper, 50c. (PB 141316 T).

17197 423. Geological structure of Lubaczow [with bibliography]. Oct. 27, 1958. [1]+17 leaves, 4° Φ Paper, 50c. (PB 141323 T).

17198 424. Results of seismic research in Carpathian Foreland area; [by St. Drwila, Jan Zytka]. Oct. 24, 1958. [1]+7 leaves, 4° [From Nafta (Petroleum), no. 10, Katowice, Oct. 1957.] Φ Paper, 50c. (PB 141320 T).

17199 426. Supply and transportation of ores by 1975; [by Tadeusz Rzebik]. Oct. 27, 1958. [1]+20 p. 4° [From Wiadomosci hutnicze (Metallurgical news), v. 14, no. 6, Katowice, June 1958.] Φ Paper, 75c. (PB 141322 T).

JUSTICE DEPARTMENT

17200 Index to official opinions of Attorneys General of United States, cumulative supplement including all opinions released for publication Jan. 1, 1941–Aug. 1, 1958. [1958.] 14 p. * Paper, 10c. ● Item 718
L. C. card 12–40693 J 1.5/2: 941–58

Opinions of Attorney General [volume 41, Opinions]. J 1.5/a: 41/(nos.)

17201 62. Second liberty bond act; May 1, 1958. [1958.] 6 p. * Paper, 5c.

17202 63. Merchant marine act, 1936, ship mortgage and loan insurance, faith and credit of United States; May 20, 1958. [1958.] 8 p. * Paper, 5c.

17203 64. Special counsel appointed by President, conflicting interests; [Oct. 3, 1928, released for publication Oct. 10, 1958]. [1958.] 4 p. * Paper, 5c.

LABOR DEPARTMENT

17204 Address by Under Secretary of Labor James T. O'Connell at 13th annual conference of Federal Safety Council, Chicago, Ill. [1958.] 11 leaves, 4° (USDL–2594.) [Processed.] † L 1.13: Oc 5/2

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17205 Address by Under Secretary of Labor James T. O'Connell, at 75th anniversary of Federal Personnel Association of Metropolitan New York, New York, N. Y., Oct. 18, 1958. Oct. 19, 1958. 10 leaves, 4° (USDL-2592.) [Processed.] † L 1.13 : Oc 5/4

17206 American working man, address by Secretary of Labor James P. Mitchell, to All-University Congress of University of Minnesota, Oct. 28, 1958. Oct. 29, 1958. 8 leaves, 4° (USDL-2604.) [Processed.] † L 1.13 : M 69/6

17207 Labor-management relations and construction industry, address by Under Secretary of Labor James T. O'Connell, before Keystone Building Contractors Association 20th anniversary dinner, Harrisburg, Pa., Oct. 17, 1958. Oct. 18, 1958. 10 leaves, 4° [Processed.] † L 1.13 : Oc 5/3

17208 Occupational information for counselors, annotated bibliography. Revised Sept. 1958. [1958.] vii+24 p. * Paper, 15c. ● Item 744-A
L. C. card L58-74 L 1.34 : Oc 1/958

17209 Report on operations of domestic migratory labor program. July 1958. cover title, [1]+12 p. 4° [Processed.] †
L. C. card L58-75 L 1.2 : M 58/2

LABOR STANDARDS BUREAU, Labor Dept.

17210 Union reporting requirements in State laws, requirements for reporting organizational data or financial statements to State officials or to membership. July 1958. [2]+10 p. oblong 8° †
L. C. card L58-72 L 16.2 : Un 33/2

LABOR STATISTICS BUREAU, Labor Dept.

BLS reports. L 2.71 : (nos.)

17211 136. Studies of effects of $1 minimum wage, wage structure (in selected areas), canning and freezing, raw sugar, tobacco stemming and redrying, 1957; [prepared by Alexander N. Jarrell and Herbert Schaffer]. [Aug. 1958.] cover title v+80 p. 4° * Paper, 50c.
L. C. card L58-51

17212 138. Earnings of communications workers, Oct. 1957, class A telephone carriers, Western Union Telegraph Co., radio-telegraph carriers, ocean-cable carriers; [prepared by Fred. W. Mohr]. [1958.] cover title, [1]+i+13 p. il. oblong 8° [Prepared in cooperation with Federal Communications Commission.] [Processed.] †
L. C. card L54-100

17213 Builders of new one-family houses, 1955-56; [by] Kathryn R. Murphy. [1958.] p. 6-15, il. 4° [Processed. Reprinted from Construction review, Aug.-Sept. 1958.] † L 2.2 : H 81/27

Bulletin.

17214 1231. New housing and its materials, 1940-56; [prepared by Kathryn R. Murphy]. Aug. 1958. vi+58 p. il. 4° [Also issued as H. doc. 398, 85th Cong., 2d sess.] * Paper, 40c. ● Item 768
L. C. card L58-52 L 2.3 : 1231

17215 Data gaps in measurement of productivity; [by] Leon Greenberg. National Bureau of Economic Research, Inc., 261 Madison Avenue, New York 16, N. Y. [1958]. [2]+i+97 leaves, 4° [Processed. Prepared for Conference on Research in Income and Wealth, Oct. 17-18, 1958. A Summary, 2 leaves, 4° was also issued.] † L 2.2 : P 94/19

17216 Directory of wage chronologies, 1948-Sept. 1958. Revised 1958. [Sept. 1958.] cover title, iii+10 p. [Processed.] †
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17217 Employment patterns and trends in New York-northeastern New Jersey metropolitan area. [1958.] 7 p. 4° ([BLS 59-586.]) [Processed. Reprinted from Employment and earnings, Aug. 1958.] † L 2.41/2a : Em 73/3

17218 Housing starts in selected States, 1957; [prepared in Division of Construction Statistics]. [1958.] p. 4-6, 4° [Processed. Reprinted from Construction review, Oct. 1958.] † L 2.2 : H 81/22/957

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Monthly labor review reprints. † L 2.6/a : (nos.)

17219 2288. Characteristics of pension plans, analysis of principal provisions of 100 selected pension plans under collective bargaining, winter 1957–58; [by] Walter W. Kolodrubetz. [1958.] p. 845–853, 4° [From Monthly labor review, Aug. 1958.]

17220 2289. Wage chronology 6: Armour and Co., supp. 5, 1956–58. [1958.] p. 882–885, 4° [From Monthly labor review, Aug. 1958.]

17221 2290. Wage chronology 20: Massachusetts shoe manufacturing, supp. 2, 1954–58. [1958.] p. 886–887, 4° [From Monthly labor review, Aug. 1958.]

17222 2292. Wage chronology 7: Swift & Co., supp. 5, 1956–58. [1958.] p. 1005–9, 4° [From Monthly labor review, Sept. 1958.]

17223 2293. Wage award on Alaska Railroad. [1958.] p. 965–973, 4° [From Monthly labor review, Sept. 1958.]

17224 2294. Seamen and International Labor Organization, [by] Joseph P. Goldberg. [1958.] p. 974–981, 4° [From Monthly labor review, Sept. 1958.]

17225 Nature of industries with high and low quit rates; [by] Robert M. Shaw. [1958.] 5 p. il. 4° [Processed. Reprinted from Sept. 1957, Employment and earnings.] † L 2.41/2a : Q 4/2

17226 Occupational outlook summary: Employment outlook for technicians. Sept. 15, 1958. 2 p. 4° ([BLS 59–787.]) [Processed.] † L 2.70/2 : T 22/2/958

17227 Retail price indexes of fuels and electricity Jan. 1935–Dec. 1957 (1947–49–100). Oct. 1958. [1]+ii+11 p. 4° [Processed.] † L 2.40 : 935–57

17228 Subject index to v. 79, Monthly labor review Jan.-Dec. 1956. [1958.] cover title, p. 1525–46, 4° * Paper, 20c. ● Item 770
L. C. card 15–26485 L 2.6 : 79/ind.

Wallchart, 1957–58 series. (Occupational Outlook Service.)

17229 8. Air transportation, rapidly expanding field. [1958.] 17×12.5 in. [Processed. Source: Occupational outlook handbook, 1957 edition, Bureau of Labor Statistics bulletin 1215.] † L 2.70/3 : 957–58/8

LAND MANAGEMENT BUREAU, Interior Dept.

17230 Logging access, key to balanced forest management, remarks by Edward Woozley, director, Bureau of Land Management, Department of Interior, to 49th Pacific Logging Congress, Portland, Oreg., Nov. 12, 1958. [1958.] 6 leaves, 4° [Processed.] † I 53.13 : W 88/2

17231 Public lands, how their management affects you, remarks by Edward A. Woozley, director, Bureau of Land Management, Department of Interior, to annual convention of Idaho Wool Growers Association, Pocatello, Idaho, Nov. 13, 1958. [1958.] 7 leaves, 4° [Processed.] † I 53.13 : W 88/3

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Cataloging service bulletin. (Processing Department.) [Issued with perforations.] ‡ † (Free to subscribers to Card Division service).

17232 50. Cataloging in source. Nov. 1958. 4 p. 4°
L. C. card 49–238 LC 30.7 : 50

Departmental and divisional manuals. [Processed.]

17233 14. General Reference and Bibliography Division. Revised edition. Washington, 1958. [5]+40+[16] p. il. 4° † Paper, 45c., Card Division.
LC 1.21 : 14/2

MARINE CORPS (Navy), Defense Dept.

17234 History of U. S. Marine Corps operations in World War 2: v. 1, Pearl Harbor to Guadalcanal; by Frank O. Hough, Verle E. Ludwig, Henry I. Shaw, jr. [1958.] x+439 p. il. 13 maps, large 8° (Historical Branch, G–3 Division, Headquarters, U. S. Marine Corps.) * Cloth, $5.00.
● Item 383
L. C. card 58–60002 D 214.2 : W 89/v. 1

17235 Marine Corps manual: v. 1 [Personnel and general administration], Change 28; Oct. 1958. [1958.] [15] p. 4° [Issued in loose-leaf form.]
● Item 384 M 209.9 : 949/v. 1/ch. 28

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MARITIME ADMINISTRATION, Commerce Dept.

17236 Remarks by Clarence G. Morse, chairman, Federal Maritime Board, maritime administrator, Department of Commerce, at National Defense Transportation Association convention in St. Louis, Wednesday, Nov. 12, 1958, at users and government panel on question of Is transportation in battle array. Nov. 12, 1958. 4 p. 4° (40488.) [Processed.] †
C 39.210 : M 83

MINES BUREAU, Interior Dept.

17237 Abrasive materials; by Henry P. Chandler and Gertrude E. Tucker. [1958.] [2]+20 p. il. [Preprint from Minerals yearbook, 1957, v. 1.] * Paper, 15c. I 28.37/a : Ab 84/957

17238 Coal, Pennsylvania anthracite; by J. A. Corgan, J. A. Vaughan, and Marian I. Cooke. [1958.] [2]+51 p. il. [Preprint from Minerals yearbook, 1957, v. 2.] * Paper, 20c. I 28.37/a : An 86/2/957

17239 Coke and coal chemicals; by J. A. De Carlo, T. W. Hunter, and Maxine M. Otero. [1958.] [2]+61 p. il. [Preprint from Minerals yearbook, 1957, v. 2.] * Paper, 20c. I 28.37/a : C 669/2/957

17240 Crude petroleum and petroleum products; by James G. Kirby, Albert T. Coumbe and Gladys Hilton. [1958.] [2]+124 p. il. [Preprint from Minerals yearbook, 1957, v. 2.] * Paper, 35c. I 28.37/a : P 448/3/957

17241 Employment and injuries in mineral industries; by John C. Machisak. [1958.] [2]+6 p. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 5c. I 28.37/a2 : Em 73/957

17242 Fluorspar and cryolite; by Robert B. McDougal and Louise C. Roberts. [1958.] [2]+18 p. il. [Preprint from Minerals yearbook, 1957, v. 1.] * Paper, 10c. I 28.37/a : F 673/957

17243 Gold; by J. P. Ryan and Kathleen M. McBreen. [1958.] [2]+22 p. il. [Preprint from Minerals yearbook, 1957, v. 1.] * Paper, 15c.
I 28.37/a : G 563/16/957

[Health and safety statistics] H. S. S. (series). (Mineral industry surveys.) [Processed.] † Mines Bureau, Pittsburgh, Pa.

17244 467. Bureau of Mines safety competition awards to sand and gravel plants for 1957; [prepared by Elizabeth K. Elsner]. [Oct. 15, 1958.] 14 p. 4°
I 28.26 : 467

17245 Iron ore; by Horace T. Reno and Helen E. Lewis. [1958.] [2]+29 p. il. [Preprint from Minerals yearbook, 1957, v. 1.] * Paper, 15c.
I 28.37/a : Ir 6/3/957

17246 Mineral industry of Maine; by Robert W. Metcalf and Mary E. Otte. [1958.] [2]+9 p. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 10c. I 28.37/a2 : M 28/957

17247 Mineral industry of Massachusetts; by Robert W. Metcalf and James R. Kerr. [1958.] [2]+8 p. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 10c. I 28.37/a2 : M 38/957

17248 Mineral industry of Minnesota; by Matthew G. Sikich. [1958.] [2]+25 p. il. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 15c.
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17249 Mineral industry of Mississippi; by Robert S. Sanford and William C. Morse. [1958.] [2]+13 p. il. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 10c. I 28.37/a2 : M 69i/957

17250 Mineral industry of Nebraska; by D. H. Mullen. [1958.] [2]+11 p. il. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 10c.
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17251 Mineral industry of New York; by Joseph Krickich, Robert W. Metcalf, and Mary E. Otte. [1958.] [2]+21 p. il. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 15c. I 28.37/a2 : N 42y/957

17252 Mineral industry of North Carolina; by James L. Vallely, Jasper L. Stuckey and Mildred E. Rivers. [1958.] [2]+18 p. il. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 10c. I 28.37/a2: N 81c/957

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17254 Mineral industry of Oregon; by Kenneth D. Baber [and others]. [1958.] [2]+26 p. il. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 15c. I 28.37/a2: Or 3/957

17255 Mineral industry of South Carolina; by Fred P. Giese and Laurence L. Smith. [1958.] [2]+10 p. il. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 10c. I 28.37/a2: So 8c/957

17256 Mineral industry of Wisconsin; by Lenox H. Rand. [1958.] [2]+11 p. il. [Preprint from Minerals yearbook, 1957, v. 3.] * Paper, 10c. I 28.37/a2: W 75/957

17257 Natural-gas liquids; by I. F. Avery [and others]. [1958.] [2]+19 p. [Preprint from Minerals yearbook, 1957, v. 2.] * Paper, 15c. I 28.37/a: G 21/2/957

Report of investigations.

17258 5435. International systems of hard-coal classification and their application to American coals; by W. H. Ode and W. H. Frederic. 1958. iii+19 p. il. 4° * Paper, 20c. ● Item 637-A I 28.23: 5435

17259 Sand and gravel; by Wallace W. Key and Dorothy T. Shupp. [1958.] [2]+22 p. il. [Preprint from Minerals yearbook, 1957, v. 1.] * Paper, 15c. I 28.37/a: Sa 56/957

17260 Secondary metals, nonferrous; by Archie J. McDermid. [1958.] [2]+6 p. il. [Preprint from Minerals yearbook, 1957, v. 1.] * Paper, 5c. I 28.37/a: Se 24/957

MISSOURI BASIN INTER-AGENCY COMMITTEE

NOTE.—The Missouri Basin Inter-Agency Committee was established in April 1945 by the Federal Inter-Agency River Basin Committee in Washington.

17261 Minutes of 102d meeting of Missouri Basin Inter-Agency Committee, Aug. 27, 1958, St. Paul, Minn.; prepared by Charles A. Cocks. [1958.] [66] p. map, 4° [Processed.] ‡
L. C. card 57-33283 Y 3.M 69: 2 M 66/958-4

17262 The Missouri, water and land development for Nation [with bibliography; issued by Public Health Service]. [1958.] cover title, [32] p. il. map, 4° ([Public Health Service publication 604.]) [Text on p. 2 of cover. Map is colored.] * Paper, 55c. ● Item 607
L. C. card 58-62353 Y 3.M 69: 2 M 69

NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS

NOTE.—Pursuant to sec. 301 of Public law 568, 85th Congress, 2d session, approved July 29, 1958, the National Advisory Committee for Aeronautics was terminated Sept. 30, 1958, and its functions, powers, etc., transferred to the National Aeronautics and Space Administration.

Publications of the National Advisory Committee for Aeronautics are entered under the National Aeronautics and Space Administration in this Catalog.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NOTE.—The National Aeronautics and Space Administration was established by Public law 568, 85th Congress, 2d Session, approved July 29, 1958.

Pursuant to sec. 301 of Public law 568, the National Advisory Committee for Aeronautics was terminated Sept. 30, 1958, and its functions, powers, etc., transferred to the National Aeronautics and Space Administration.

Reports (1958). (National Advisory Committee for Aeronautics.) * Paper, $10.00 a yr., $3.00 additional for foreign mailing; single copies vary in price. ● Item 1070 Y 3.N 21/5: 5/(nos.)

17263 1346. Differential equations of motion for combined flapwise bending, chordwise bending, and torsion of twisted monuniform rotor blades [with list of references]; by John C. Houbolt and George W. Brooks. [1958.] cover title, ii+16+[1] p. il. 4° [Supersedes NACA Technical note 3905, 1957.] L. C. card 58-62310 * Paper, 25c.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

17264 1350. Methods for obtaining desired helicopter stability characteristics and procedures for stability predictions [with list of references]; by F. B. Gustafson and Robert J. Tapscott. [1958.] cover title, ii+11 p. il. 4° [Supersedes NACA Technical note 3945, 1957.] * Paper, 20c.
L. C. card 58-62309

Technical memorandum. (National Advisory Committee for Aeronautics.)

17265 1439. Application of method of coordinate perturbation to unsteady duct flow [with bibliographies]; by Seymour C. Himmel. Washington, Sept. 1958. cover title, [1]+152 p.+[2] leaves, il. 4° [Processed. The 2 leaves in brackets consist of detachable card catalog entries.] †
Y 3.N 21/5 : 8/1439

Technical notes. (National Advisory Committee for Aeronautics.) [Processed. The pages or leaves in brackets in each collation consist of detachable card catalog entries.] † Y 3.N 21/5 : 6/(nos.)

17266 4160. Thermal fatigue of ductile materials: 1, Effect of variations in temperature cycle on thermal-fatigue life of S-816 and Inconel 550 with list of references]; by Francis J. Clauss and James W. Freeman. Washington, Sept. 1958. cover title, 61 p.+[2] leaves, il. 4°

17267 4165. Thermal fatigue of ductile materials: 2, Effect of cyclic thermal stressing on stress-rupture life and ductility of S-816 and Inconel 550 [with list of references]; by Francis J. Clauss and James W. Freeman. Washington, Sept. 1958. cover title, 43 p.+[2] leaves, il. 4°

17268 4256. Water-impact theory for aircraft equipped with nontrimming hydro-skis mounted on shock struts [with list of references]; by Emanuel Schnitzer. Washington, Sept. 1958. cover title, 29 p.+[2] leaves, il. 4° [Supersedes NACA research memorandum L54H10, 1954.]

17269 4310. Measurements of motions of large swept-wing airplane in rough air [with list of references]; by Richard H. Rhyne. Washington, Sept. 1958. cover title, 22 p.+[3] leaves, il. 4°

17270 4322. Ordinates and theoretical pressure-distribution data for NACA 6- and 6A-series airfoil sections with thicknesses from 2 to 21 and from 2 to 15 percent chord, respectively [with list of references]; by Elizabeth W. Patterson and Albert L. Braslow. Washington, Sept. 1958. cover title, 99 p.+[2] leaves, il. 4°

17271 4331. Investigation of effects of atmospheric corrosion on fatigue life of aluminum alloys [with one reference]; by Herbert A. Leybold, Herbert F. Hardrath, and Robert L. Moore. Washington, Sept. 1958. cover title, 17 p.+[3] leaves, il. 4°

17272 4333. Effect of some external crosswise stiffeners on heat transfer and pressure distribution on flat plate at Mach numbers of 0.77, 1.39, and 1.98 [with list of references]; by Howard S. Carter. Washington, Sept. 1958. cover title, 21 p.+[3] leaves, il. 4°

17273 4334. Lag in pressure systems at extremely low pressures [with list of references]; by William T. Davis. Washington, Sept. 1958. cover title, 16 p.+[2] leaves, il. 4°

17274 4335. Procedure for calculating flutter at high supersonic speed including camber deflections, and comparison with experimental results [with list of references]; by Homer G. Morgan, Vera Huckel, and Harry L. Runyan. Washington, Sept. 1958. cover title, 32 p.+[2] leaves, il. 4°

17275 4336. Experimental investigation of axial and normal force characteristics of skewed nozzles [with list of references]; by David J. Carter, jr., and Allen R. Vick. Washington, Sept. 1958. cover title, 40 p.+[3] leaves, il. 4°

17276 4337. Investigation of some phenomena relating to aural detection of airplanes [with list of references]; by Harvey H. Hubbard and Domenic J. Maglieri. Washington, Sept. 1958. cover title, 49 p.+[2] leaves, il. 4°

17277 4349. Heat transfer and thermal stresses in sandwich panels [with list of references]; by Robert T. Swann. Washington, Sept. 1958. cover title, 34 p.+[2] leaves, il. 4°

17278 4359. Errata [Review of thermodynamic, transport, and chemical reaction rate properties of high-temperature air]; by C. Frederick Hansen and Steve P. Heims, July 1958. [Nov. 5, 1958.] 1 p. oblong 24°

17279 4365. Large-scale wind-tunnel tests of airplane model with unswept, aspect-ratio-10 wing, 2 propellers, and area-suction flaps [with list of references]; by James A. Weiberg, Roy N. Griffin, jr., and George L. Florman. Washington, Sept. 1958. cover title, 76 p.+[2] leaves, il. 4°

17280 4368. Study of several theoretical methods for computing zero-lift wave drag of a family of open-nosed bodies of revolution in the Mach number range of 2.0 to 4.0 [with list of references]; by Leroy L. Presley and Emmet A. Mossman. Washington, Sept. 1958. cover title, 61 p.+[2] leaves, il. 4°

17281 4369. Slip-flow heat transfer from cylinders in subsonic airstreams [with list of references]; by Lionel V. Baldwin. Washington, Sept. 1958. cover title, [1]+77 p.+[2] leaves, il. 4°

17282 4370. Some numerical solutions of similarity equations for 3 dimensional laminar incompressible boundary-layer flows [with list of references]; by Peggy L. Yohner and Arthur G. Hansen. Washington, Sept. 1958. cover title, 76 p. † [3] leaves, il. 4°

17283 4373. Theoretical and experimental analysis of reduction of rotor blade vibration in turbomachinery through use of modified stator vane spacing [with list of references]; by Richard H. Kemp, Marvin H. Hirschberg, and William C. Morgan. Washington, Sept. 1958. cover title, 43 p.+[2] leaves, il. 4°

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

489179—59—No. 767——5

Technical notes—Continued

17284 4378. Preliminary heat-transfer studies on 2 bodies of revolution at angle of attack at Mach number of 3.12 [with list of references]; by Norman Sands and John R. Jack. Washington, Sept. 1958. cover title, 29+[6] p. il. 4°

17285 4382. Investigation of boiling burnout and flow stability for water flowing in tubes [with list of references]; by Warren H. Lowdermilk, Chester D. Lanzo, and Byron L. Siegel. Washington, Sept. 1958. cover title, 51 p.+[3] leaves, il. 4°

17286 4383. Cooled-gas pyrometer for use in high-temperature gas streams [with list of references]; by Lloyd N. Krause, Robert C. Johnson, and George E. Glawe. Washington, Sept. 1958. cover title, 32 p.+[3] leaves, il. 4°

17287 4384. Analysis of turbulent flow and heat transfer in noncircular passages [with list of references]; by Robert G. Deissler and Maynard F. Taylor. Washington, Sept. 1958. cover title, 35 p.+[2] leaves, il. 4°

17288 4385. Comparison of shock-expansion theory with experiment for lift, drag, and pitching-moment characteristics of 2 wing-body combinations at M–5.0 [with list of references]; by Raymond C. Savin. Washington, Sept. 1958. cover title, 13 p.+[2] leaves, il. 4°

17289 4386. Analysis of ramjet engines using supersonic combustion [with list of references;] by Richard J. Weber and John S. MacKay. Washington, Sept. 1958. cover title, 49 p.+[2] leaves, il. 4°

17290 4393. Some static longitudinal stability characteristics of overlapped-type tandem-rotor helicopter at low airspeeds [with list of references]; by Robert J. Tapscott. Washington, Sept. 1958. cover title, 27 p.+[2] leaves, il. 4°

17291 4395. Use of kernel function in 3-dimensional flutter analysis with application to flutter-tested delta-wing model [with list of references]; by Donald S. Woolston and John L. Sewall. Washington, Sept. 1958. cover title, 42 p.+[2] leaves, il. 4°

17292 4400. Measurements of ground-reaction forces and vertical center-of-gravity accelerations of bomber airplane taxiing over obstacles [with one reference]; by James M. McKay, Richard H. Sawyer, and Albert W. Hall. Washington, Sept. 1958. cover title, 30 p.+[2] leaves, il. 4°

17293 4402. Measurements of aerodynamic forces and moments at subsonic speeds on simplified T-tail oscillating in yaw about fin midchord [with list of references]; by Sherman A. Clevenson and Sumner A. Leadbetter. Washington, Sept. 1958. cover title, 20 p.+[2] leaves, il. 4°

17294 4406. Low tire friction and cornering forces on wet surface [with list of references]; by Eziaslav N. Harrin. Washington, Sept. 1958. cover title, 27+[1] p. il. 4°

17295 4408. Theory of diffusion in strained systems [with list of references]; by Louis A. Girifalco and Hubert H. Grimes. Washington, Sept. 1958. cover title, [1]+49 p.+[3] leaves, il. 4°

NATIONAL ARCHIVES AND RECORDS SERVICE, General Services Administration

Preliminary inventories. †

17296 110. Preliminary inventory of records of Public Building Service (record group 121); compiled by W. Lane Van Neste and Virgil E. Baugh. 1958. v+108 p. 4° ([National Archives publication 59–9.])
L. C. card A58–9791 GS 4.10 : 110

NATIONAL BUREAU OF STANDARDS, Commerce Dept.

Circular.

17297 589. Tables of dielectric dispersion data for pure liquids and dilute solutions [with bibliography for tables 5 and 6; by] Floyd Buckley and Arthur A. Maryott. Nov. 1, 1958. iii+95 p. il. 4° * Paper, 50c. ● Item 242
L. C. card 58–60066 C 13.4 : 589

NATIONAL GUARD BUREAU (Army), Defense Dept.

National Guard regulations NGR (series). [Issued with perforations.]

17298 25–2. Enlisted personnel of National Guard: Administrative procedures, Changes 2; Oct. 24, 1958. 1958. 1 p. ‡ ● Item 358 D 112.6 : 252/2/ch. 2

NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare Dept.

17299 Electron microscopic study of early stages of dentinogenesis [with list of references]; by Marie U. Nylen and David B. Scott. [1958.] iv+55 p. il. 4° ([Public Health Service publication 613]; National Institute of Dental Research.) * Paper, 45c. ● Item 507
L. C. card 58–62308 FS 2.22 : D 43/2

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

17300 Highlights of progress in research on neurologic disorders, 1957, items of interest on program developments and research studies conducted and supported during 1957 by National Institute of Neurological Diseases and Blindness are part of annual statement to Congress by director of NINDB. [1958.] 16 p. (Public Health Service [publication 597].) * Paper, 15c. ● Item 507-F
L. C. card 58-62342 FS 2.22/12 : 957

Mental health statistics, current reports, series MHB. (National Institute of Mental Health.)

17301 I-4. Provisional data on patients in public institutions for mental defectives and epileptics, 1957. Aug. 1958. [4] p. il. 4° * Paper, 5c. ● Item 491-A
FS 2.53/2 : I-4

NATIONAL LABOR RELATIONS BOARD

17302 Art of Government in labor relations, [address by Jerome D. Fenton, general counsel, National Labor Relations Board, before Commonwealth Club of California, San Francisco, Oct. 31, 1958. [1958.] [1]+9 p. 4° (R-578.) [Processed.] † LR 1.7 : F 36

17303 Development and application of Brown-Olds remedy, [address by Jerome D. Fenton, general counsel, National Labor Relations Board, before Illinois State Bar Association, Labor Law Section, Chicago, Ill., Nov. 7, 1958]. [1958.] [1]+7 p. 4° (R-581.) [Processed.] †
LR 1.7 : F 36/3

17304 Impact of secondary boycott on employer and employee rights, [address by Jerome D. Fenton, general counsel, National Labor Relations Board, before 1st annual convention of Associated Builders and Contractors of Maryland, Atlantic City, N. J. Nov. 3, 1958. [1]+6 p. 4° (R-579.) [Processed.] † LR 1.7 : F 36/2

NATIONAL MUSEUM, Smithsonian Institution

17305 Publications of National Herbarium. 1958. [1]+28-37+4-5 p. [Reprinted from National Museum bulletin 193, List and index of publications of National Museum, 1875-1946, and Supplement 1, Jan. 1947-June 1958.] † SI 3.3/a : P 96

NATIONAL OFFICE OF VITAL STATISTICS, Health, Education, and Welfare Dept.

Vital statistics, special reports: National summaries. † ● Item 508-C
FS 2.109 : 48/(nos.)

17306 v. 48, no. 14. Natality, United States and each State, and Alaska, Hawaii, Puerto Rico, and Virgin Islands (U. S., 1956. Oct. 15, 1958. [1]+386-406 p. il. 4°

17307 v. 48, no. 16. Marriages, detailed statistics for reporting areas, 1956. Oct. 27, 1958. [2]+425-461 p. il. 4°

17308 Where to write for birth and death records. Oct. 1958. cover title, 10 p. 4° ([Public Health Service publication 630A.]) † ● Item 508
FS 2.102 : B 53/3/958

NATIONAL PARK SERVICE, Interior Dept.

17309 Acadia National Park, Maine. [Revised 1958.] [1958.] 1 sheet (with map on verso), il. oblong f°, folded into narrow 8° size and so printed as to number [1]+11+[1] p. * Paper, $5.00 per 100; single copy, 10c. ● Item 651 I 29.6 : Ac 1/2/958

17310 Bandelier National Monument, N. Mex. [Revised 1958.] [1958.] [6] p. il. * Paper, $2.25 per 100, single copy 5c. ● Item 650
I 29.21 : B 22/3/958

17311 Chimney Rock National Historic Site, Nebr. [1958.] 4 p. il. [Processed.] † I 29.21 : C 44/3/958

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17312 Chiricahua National Monument, Ariz. [Revised 1958.] [1958.] [6] p. il. * Paper, $2.25 per 100; single copy, 5c. ● Item 650 I 29.21 : C 44/2/958

17313 Death Valley National Monument, Calif., Nev. [Revised 1958.] [1958.] 16 p. il. * Paper, $5.75 per 100; single copy, 10c. ● Item 650 I 29.21 : D 34/958

17314 Gettysburg National Military Park, Pa. [Revised 1958.] [1958.] [6] p. il. * Paper, $2.25 per 100; single copy, 5c. I 29.21 : G 33/4/958
Historical handbook series.

17315 28. Scotts Bluff National Monument, Neb. [with list of suggested readings]; by Merrill J. Mattes. 1958. [4]+64 p. il. * Paper, 30c. ● Item 649
L. C. card 58-62335 I 29.58 : 28

17316 Petersburg National Military Park, Va. [Revised 1958.] [1958.] [6] p. il. * Paper, $2.25 per 100; single copy, 5c. ● Item 650 I 29.21 : P 44/3/958

17317 Vanderbilt Mansion National Historic Site, Hyde Park, N. Y. [Revised 1958.] [1958.] [8] p. il. * Paper, $3.00 per 100; single copy, 5c. ● Item 650 I 29.21 : V 28/2/958

NATIONAL RAILROAD ADJUSTMENT BOARD

17318 Awards 8341-8415, 3d division, interpretations (serial nos. 176, 177), v. 81. Mercury Typesetting Company, Chicago, Ill. [1958.] [1]+973 p. † National Railroad Adjustment Board, Chicago, Ill. (price upon application).
L. C. card 36-26212 RA 1.9 : 81

NATIONAL SCIENCE FOUNDATION

17319 Academic year institutes for science and mathematics teachers, announcement for 1959. [1958.] [6] p. narrow 8° (NSF-58-32.) † ● Item 834-F NS 1.12 : 959

17320 Current research and development in scientific documentation no. 3 [with lists of references; compiled by Madeline M. Berry and Barbara Haksteen]. [Oct. 1958.] v+76 p. ([NSF-58-33]; Science Information Service.) *Paper, 30c. ● Item 834-K
L. C. card 58-60257 NS 1.15 : 3

17321 Federal funds for science: 7, Federal research and development budget, fiscal years 1957, 1958, and 1959. 1958. iii+78 p. il. 4° (NSF-58-30.) * Paper, 45c. ● Item 834-C
L. C. card 53-61515 NS 1.2 : F 96/no. 7

Scientific manpower bulletin (series). †(Limited distribution.)

17322 9. Foreign language knowledge of American scientists, 1954-55. Oct. 1958. 8 p. 4° (NSF-58-31.) NS 1.3/2 : 9

NAVAL PERSONNEL BUREAU, Defense Dept.

17323 Group 8 (construction) rates qualifications handbook, naval reserve training construction battalion divisions [with Bibliography used for writing advancement in rating examinations for group 8 rates; prepared by chief of Naval Personnel with assistance of chief, Bureau of Yards and Docks]. June 1958. vii+69 p. il. 3 pl. 4° (NAVPERS 92590.) [Issued in looseleaf form. One of the plates is colored.] ‡ ● Item 406
L. C. card 58-62356 D 208.6 : C 76/3

17324 Harmony; [prepared by Music Branch, Special Services Division, Bureau of Naval Personnel, and Navy Training Publications Center]. [1958.] cover title, vii+182 p. il. 4° (Navy training courses; NAVPERS 10007.) [Processed.] †
L. C. card 58-62348 D 208.11 : H 22

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‡Official Use. Not Available

NAVAL RESEARCH OFFICE, Defense Dept.

NRL report. (Naval Research Laboratory.) [Processed.]

17325 5044. Airdrag anemometer; [by] W. A. Von Wald, jr. Dec. 3, 1957. [3]+ii+13 p. il. 4° Φ Paper, 50c. (PB 131533). D 210.8 : 5044

NAVY DEPARTMENT, Defense Dept.

17326 Material Inspection Service, administration manual: Administration of Government property in possession of contractors; July 1958. [1958.] cover title, [109] p. 4° (ONMINST 5000.3, v. 2, chap. 6; Office of Naval Material, Field Services Division.) [Issued in loose-leaf form.] * Paper, 55c. D 201.6 : G 74/958

17327 ——v. 2 [chap. 10, 11, 12, Contract termination and inventory disposition, revised pages]; Oct. 13, 1958. [1958.] [68] p. 4° (ONMINST 5000.3, v. 2, change 7; Office of Naval Material.) [Issued in loose-leaf form.] * Paper, 35c. ● Item 373 D 201.6 : C 76/958/rev. pages-2

17328 Navy comptroller manual: v. 2 [Accounting classifications], Change 90; Oct. 7, 1958. [1958.] 4+[98] p. 4° (Office of Comptroller.) [Issued in loose-leaf form.] ‡ D 201.6/2 : 2/ch.90

17329 —— v. 3 [Appropriation, cost and property accounting], Change 96; Oct. 7, 1958. [1958.] 4+[97] p. il. 4° (Office of Comptroller.) [Issued in loose-leaf form.] ‡ D 201.6/2 : 3/ch.96

17330 —— v. 4 [Disbursing], Change 84; Oct. 7, 1958. [1958.] 4+[86] p. il. 4° (Office of Comptroller.) [Issued in loose-leaf form.] ‡ D 201.6/2 : 4/ch.84

17331 —— v. 4 [Disbursing], chap. 4 [Military pay and accounts], Change 78; Oct. 7, 1958. [1958.] 4+[48] p. il. 4° (Office of Comptroller.) [Issued in loose-leaf form.] ‡ D 201.6/2 : 4/chap. 4/ch.78

OLD-AGE AND SURVIVORS INSURANCE BUREAU, Health, Education, and Welfare Dept.

OASI (series).

17332 29f. Disability and social security. Oct. 1958. vi+23 p. † ● Item 518-A FS 3.35 : 29f

ORDNANCE BUREAU (Navy), Defense Dept.

[Ordnance pamphlet] OP (series).

17333 2239. Driver's handbook, explosives and dangerous materials; July 16, 1957. First revision. [1957.] xiv+74+[1] p. il. [Issued in loose-leaf form in binder. Supersedes OP 2239, Mar. 29, 1956.] * Fabrikoid, $2.00. D 215.9 : 2239/2

ORDNANCE CORPS (Army), Defense Dept.

Coating and Chemical Laboratory, Aberdeen Proving Ground, Md., report CCL (series). [Processed.]

17334 53. Emulsion cleaning, selection of stream spray conditions; by Horace F. Sykes. Mar. 4, 1958. [1]+iii+49 p. il. 4° (OCO, R and D Branch project TB4-006A, Department of Army project 593-32-006.) Φ Paper, $1.50 (PB 131757). D 105.16 : 53

Ordnance Corps manual ORDM (series).

17335 3-8. Stock fund, v. 2, Financial accounting; Oct. 1958. [1958.] cover title, viii+[349] p. il. 4° [Issued in loose-leaf form. Supersedes ORDM 3-8, v. 2, Dec. 1956, and draft changes, June 30, 1957.] ‡ ● Item 359-B D 105.6/2 : 3-8/2/v. 2

PATENT OFFICE, Commerce Dept.

17336 Manual of classification [replacement sheets, Oct. 1958]. [1958.] [24] p. 4° [Includes list of replacement sheets. Issued in loose-leaf form.] ● Item 258 C 21.12 : 947/rev. pages-40

NOTE.—Not sold separately. The manual of classification of patents is sold on subscription and consists of revised pages from Apr. 1941 to date, including Jan. 1956 index and additional revised pages for an indefinite period. * Paper, $12.00; $3.00 additional for foreign mailing.

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POST OFFICE DEPARTMENT

17337 Receipts and classes of post offices [receipts for calendar year 1957, class effective July 1, 1958, salary levels effective July 12, 1958]; prepared by Bureau of Finance. [Revised edition.] [July 1, 1958.] [2]+283 p. (POD publication 4.) * Paper, 75c. ● Item 841
L. C. card 49-45604 P 4.13: 958

17338 Talk by E. George Siedle, Assistant Postmaster General, Bureau of Transportation at 1st day sale ceremony Ft. Duquesne commemorative stamp, Pittsburgh, Pa., Nov. 25, 1958. [1958.] 4 leaves, 4° (Release no. 269; Information Service.) [Processed.] † P 1.27: Si 1

17339 Universal postal union. [1958.] [21] p. narrow 8° † ● Item 837
P 1.2: Un 3

PRESIDENT OF UNITED STATES

17340 Five years of progress, 1953-58, report to President Eisenhower by President's Committee on Government Contracts. [1958.] 38 p. il. 4° [Text and other illustrations on p. 1 and 4 of cover.] † ● Item 851-H
L. C. card 58-62355 Pr 34.8: C 76/2/958

17341 Identification of those with talent for science and engineering and their guidance in elementary and secondary schools [with bibliography]; by Marguerite W. Zapoleon. [1958.] cover title, [4]+ix+57 p. 4° [Processed. Prepared for President's Committee on Scientists and Engineers.] †
L. C. card 58-60301 Pr 34.8: Sci 27

PUBLIC DOCUMENTS DIVISION, Government Printing Office

17342 Numerical lists and schedule of volumes of reports and documents of 80th Congress, 1st session, Jan. 3-Dec. 19, 1947, errata. Nov. 14, 1958. 1 p. oblong 24° [Processed.] † ● Item 553 GP 3.7/2: 80/1/errata

17343 Numerical lists and schedules of volumes of reports and documents of 84th Congress, 2d session, Jan. 3-July 27, 1956, errata. Nov. 14, 1958. 1 p. oblong 24° [Processed.] † ● Item 553 GP 3.7/2: 84/2/errata 3

17344 Numerical lists and schedules of volumes of reports and documents of 85th Congress, 1st session, Jan. 3-Aug. 30, 1957, erratum. Nov. 14, 1958. 1 p. oblong 24° [Processed.] † ● Item 553 GP 3.7/2: 85/1/errata

Price list PL (series). † ● Item 554 GP 3.9: (nos.)

17345 36. Government periodicals; Nov. 1958. 92d edition. [1958.] [2]+21 p.
L. C. card 26-26170

17346 53. Maps, engineering surveying; Nov. 1958. 48th edition. [1958.] [2]+22 p. [Contains publications formerly published in Price list 18, Engineering and surveying.]
L. C. card 25-26876

17347 85. Defense, veterans' affairs; Oct. 1958. 3d edition. [1958.] [2]+30 p.
L. C. card 55-63660

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept.

17348 Air pollution measurements of national air sampling network, analysis of suspended particulate samples collected 1953-57 [with list of references]. 1958. v+259 p. il. 4° ([Publication 637]; Bureau of State Services, Division of Sanitary Engineering Services, Robert A. Taft Sanitary Engineering Center, Cincinnati 26, Ohio.) * Paper, $2.00. ● Item 485
L. C. card 58-62343 FS 2.2: Ai 7/7/953-57

17349 Air we live in, health effects of air pollution. [1958.] [1]+7+[1] p. il. narrow 8° ([Publication 640.]) * Paper, $5.00 per 100; single copy, 10c. ● Item 485
L. C. card 58-62326 FS 2.2: Ai 7/5

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Health information series. ● Item 486 FS 2.50 : (nos.)

17350 44. Tularema. [Revised 1958.] [1958.] [4] p. narrow 8° ([Publication 135.]) * Paper, $2.25 per 100 ; single copy, 5c.

17351 49. Amebiasis. [Revised 1958.] [1958.] 4 p. narrow 8° ([Publication 157.]) * Paper, $2.00 per 100 ; single copy 5c.

17352 90. Insects that carry disease. [1958.] 12 p. il. narrow 8° ([Publication 594.]) * Paper, $5.00 per 100 ; single copy, 10c.

17353 92. Multiple sclerosis, hope through research. [1958.] [8] p. il. narrow 8° ([Publication 621] ; National Institute of Neurological Diseases and Blindness.) * Paper, $3.00 per 100 ; single copy, 5c.

Health statistics from U. S. national health survey, series B.

17354 5. Selected survey topics, United States, July 1957–June 1958, selected statistics relating to days of disability, acute conditions, chronic conditions, persons injured, physician visits, and dental visits. Based on data collected in household interviews during July 1957–June 1958 ; [prepared by Jane W. Bergsten]. Nov. 1958. [6]+49 p. 4° ([Publication 584–B5] ; Division of Public Health Methods.) * Paper, 40c. ● Item 500–E
L. C. card 58–60081 FS 2.85 : B–5

17355 High cost of air, economic effects of air pollution. [1958.] [1]+6 p. narrow 8° * Paper, $3.00 per 100 ; single copy, 5c. ● Item 485
L. C. card 58–62391 FS 2.2 : Ai 7/6

17356 Industrial environment, its evaluation and control, syllabus for short courses for industrial hygiene engineers and chemists presented at Occupational Health Field Headquarters, Cincinnati, Ohio [with bibliographies]. [1958.] [395] p. il. 4° ([Publication 614] ; Bureau of State Services, Division of Special Health Services (Occupational Health Program.) [Issued with perforations. Includes Selected list of general reference sources.] * Paper, $2.75. ● Item 499
L. C. card 58–62341 FS 2.6 : In 2

17357 The Missouri, water and land development for the Nation, Publication 604. See Missouri Basin Interagency Committee.

Public health bibliography series.

17358 22. Source materials on water pollution control. [Revised 1958.] [1958.] iv+24 p. 4° ([Publication 243] ; Bureau of State Services, Division of Sanitary Engineering Services, Water Supply and Water Pollution Control Program.) † ● Item 481–A
L. C. card 58–62281 FS 2.21 : 22

Public health monographs. ● Item 500–A FS 2.62 : (nos.)

17359 52. Opiates and opiate antagonists, review of their mechanisms of action in relation to clinical problems [with list of references ; by] Abraham Wikler. [1958.] [3]+38 p. 4° ([Publication 589.]) [Issued concurrently with Nov. 1958 issue of Public health reports, v. 73, no. 11. Title on cover is : Mechanisms of action of opiates and opiate antagonists.] * Paper, 30c.
L. C. card 58–60069

17360 53. Psychiatric consultation for nonpsychiatric professional workers, concept of group consultation developed from training program for nurses ; by] Beulah Parker. [1958.] [3]+23 p. 4° ([Publication 588.]) [Issued concurrently with Nov. issue of Public health reports, v. 73, no. 11.] * Paper, 25c.
L. C. card 58–60072

17361 54. Relation of environmental factors to occurrence of enteric diseases in areas of eastern Kentucky [with list of references ; by] D. J. Schliessmann [and others]. [1958.] [4]+35 p. il. 4° ([Publication 591.]) [Issued concurrently with Nov. 1958 issue of Public health reports, v. 73, no. 11.] * Paper, 30c.
L. C. card 58–60071

Public health reports, reprints. FS 2.7/a : (nos.)

17362 3300. Pathological studies in man after prolonged ingestion of fluoride in drinking water [with list of references ; by] E. F. Geever [and others]. [1958.] [1]+721–731 p. il. 4° [From v. 73, no. 8, Aug. 1958.] * Paper, 10c.

17363 3301. Fluoride deposition in human bones after prolonged ingestion of fluoride in drinking water with list of references ; by] I. Zipkin [and others]. [1958.] [1]+732–740 p. il. 4° [From v. 73, no. 8, Aug. 1958.] * Paper, 10c.

17364 3302. Comparison of 2 cases, excessive fluoride in water and bone chemistry [with list of references ; by] F. J. McClure, H. G. McCann, and N. C. Leone. [1958.] [1]+741–746 p. 4° [From v. 73, no. 8, Aug. 1958.] * Paper, 5c.

17365 Sampling air, how air pollution is measured and studied. [1958.] [1]+6 p. narrow 8° ([Publication 642.]) * Paper, 5c. ● Item 485
L. C. card 58–62390 FS 2.2 : Ai 7/8

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17366 Sources of morbidity data, listing no. 6, 1958, from clearinghouse on current morbidity statistics projects; prepared by staff of Division of Public Health Methods, under sponsorship of Public Health Conference on Records and Statistics. [1958.] [4]+83 p. oblong 12° ([Publication 628.]) † ● Item 499-A
L. C. card 58-63838 FS 2.76:6

17367 Water pollution control program of Public Health Service, report on progress under Federal water pollution control act for 1957-58. [1958.] [2]+26 p. il. ([Publication 631.]) [Text and other illustrations on p. 2-4 of cover.] * Paper, 25c. ● Item 485
L. C. card 58-62325 FS 2.2:W 29/28

PUBLIC ROADS BUREAU, Commerce Dept.

17368 Cars, commerce and citizens of California, text of address by Ellis L. Armstrong, commissioner, Bureau of Public Roads, Department of Commerce, scheduled for delivery at statewide conference on California freeway system, sponsored by California State Chamber of Commerce, Los Angeles, Calif., Nov. 12, 1958. [1958.] 8 p. 4° (48663.) [Processed.] † C 37.21:Ar 5

RECLAMATION BUREAU, Interior Dept.

17369 Canal safety, safety in operation of canals and other waterway structures. Revised 1958. [1958.] iii+43 p. il. † Paper, 65c.
L. C. card 58-62351 I 27.2:C 16/4/958

17370 Columbia Basin project, Wash., Quincy-Columbia Basin Irrigation District, public announcement of sale of full-time farm units, public announcement 29. Sept. 15, 1958. 8 p. map, 4° [Accompanied by letter of transmittal, 4 p., dated Sept. 20, 1958, and Application for certificate of Qualification, Form 7-511a.] † I 27.40:C 72/29

17371 Columbia Basin project, Wash., South Columbia Basin Irrigation District, public announcement of sale of full-time farm units, public announcement 28. June 13, 1958. 8 p. 4° [Accompanied by letter of transmittal, 4 p., dated July 1, 1958, and Application for certificate of qualification, Form 7-511a.] † I 27.40:C 72/28

17372 Shasta Dam, keystone in concrete for vast Central Valley project. [1958.] [4] p. il. narrow 8° † I 27.2:Sh 2/958

RURAL DEVELOPMENT PROGRAM COMMITTEE

Rural resource leaflet. ● Item 1074-B

17373 4. How OASI benefits your community. Sept. 1958. 8 p. il. narrow 8° † Social Security Administration, Health, Education, and Welfare Dept. Y 3.R 88/2:8/4

ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION

17374 450-million-dollar seaway near completion, address by Edward R. Place, information officer, St. Lawrence Seaway Development Corporation, before Syracuse Rotary Club, Syracuse, N. Y., Nov. 7, 1958. Nov. 7, 1958. 4 leaves, 4° [Processed.] † Y 3.Sa 2:10 P 69/2

SHIP STRUCTURE COMMITTEE

Serial no. SSC. [Processed.] †(Limited distribution) Secretary, Ship Structure Committee, Coast Guard, Washington 25, D. C.

17375 115. Brittle fracture initiation tests with list of references]; by C. Mylonas, D. C. Drucker and L. Isberg, Brown University, Providence, R. I. Washington, D. C., Oct. 15, 1958. [1]+9 p. il. 4° (2d progress report of project SR-130 to Ship Structure Committee, under Bureau of Ships contract NObs-65790, BuShips index no. NS-731-034.) [Transmitted through Committee on Ship Structural Design, Division of Engineering and Industrial Research, National Academy of Sciences-National Research Council, under Bureau of Ships contract NObs-72046, BuShips index no. NS-731-036.] Y 3.Sh 6:SSC-115

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SHIPS BUREAU (Navy), Defense Dept.

Boston Naval Shipyard, Materials Laboratory, evaluation report. [Processed.]

17376 13638. High-molecular-weight polyethylene ropes, evaluation of [with bibliography]; by Leo J. Sheehan. Oct. 23, 1956. [4]+iv+10 p. il. 4° (NSO31-003.) Φ Paper, 50c. (PB 131687). D 211.17:13638

17377 Bureau of Ships manual: Change 19; June 1, 1958. [1958.] [26] p. 4° [Issued in loose-leaf form.] ‡ ● Item 413 D 211.7/2:19

SMALL BUSINESS ADMINISTRATION

17378 10th semiannual report, Small Business Administration for 6 months ending June 30, 1958. [1958.] cover title, [3]+215 p. il. 4° † ● Item 901-A
L. C. card 54-60374 SBA 1.1:10

Management aids for small manufacturers.

17379 96. Controlling inspection costs in small plants [with list of publications for further information]; by Robert E. Heiland. July 1958. 4 p. 4° † ● Item 901-H SBA 1.10:96

17380 Technical aids for small business, annual no. 2 [with bibliographies]; edited by J. Wade Rice. 1958. iv+118 p. il. [Includes technical aids for small business 28-40, issued July 1953-June 1955.] * Paper, 50c. ● Item 901-F
L. C. card 56-61985 SBA 1.11/2:2

SOIL CONSERVATION SERVICE, Agriculture Dept.

17381 Federal-State-private cooperative summary of snow survey measurements for Montana and northern Wyoming (upper Missouri and upper Columbia River Basins) 1922-58 report; prepared by A. R. Codd. Sept. 1958. [204] p. il. 4° [Processed. Prepared in cooperation with Montana Agricultural Experiment Station.] †
L. C. card 58-62319 A 57.2:Sn 6/5/922-58

Soil survey series 1949.

17382 8. Franklin County, Tenn. [with list of literature cited; by C. J. Fox and others]. Nov. 1958. cover title, [2]+91 p. il. 51 p. of maps, 4° [Prepared in cooperation with Tennessee Agricultural Experiment Station, Tennessee Valley Authority. Two maps are colored. Text and another map on p. 2 and 4 of cover.] * Paper, $2.25. ● Item 102 (Rev. 1957.)
L. C. card Agr 58-375 A 57.38:949/8

Soil survey series 1950.

17383 3. Hillsborough County, Fla. [with list of literature cited; by Ralph G. Leighty and others]. Sept. 1958. cover title, [2]+68 p. il. 103 p. of maps, 4° [Prepared in cooperation with Florida Agricultural Experiment Station. Two maps are colored. Text on p. 2 of cover.] * Paper, $4.00. ● Item 102 (Rev. 1957.)
L. C. card Agr 58-366 A 57.38:950/3

Soil survey series 1951.

17384 3. DeKalb County, Ala. [with list of literature cited; [by G. S. Swenson and others]. Sept. 1958. cover title, [2]+108+[4] p. il. 78 p. of maps. 4° [Prepared in cooperation with Alabama Department of Agriculture and Industries, Alabama Agricultural Experiment Station, Tennessee Valley Authority.] * Paper, $3.50. ● Item 102 (Rev. 1957) A 57.38:951/3

STATE DEPARTMENT

Department and foreign service series.

17385 77. Biographic register, Department of State, U. S. Foreign Service, U. S. Mission to United Nations, International Cooperation Administration, U. S. Information Agency, Foreign Agricultural Service (revised as of May 1, 1958); [compiled and edited by General Editing Branch, Division of Publishing Services]. 1958 [edition]. [1958.] ix+752 p. ([Publication 6660; Office of Special Services, Division of Publishing Services.]) * Paper, $5.50. ● Item 887 & 863
L. C. card 9-22072 S 1.69:77

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General foreign policy series. S 1.71 : (nos.)

17386 129. Fact sheet on mutual security program. [1958.] [6] p. narrow 8° ([Publication 6673 ; Public Services Division.]) †

17387 130. Mutual security program ; by J. H. Smith, jr., director, International Cooperation Administration. [1958.] [2]+16 p. narrow 8° ([Publication 6674 ; Public Services Division.]) [Address made before 9th annual meeting of International Center, University of Louisville, Louisville, Ky., June 4, 1958.] †
L. C. card SD58-12

International organization and conference series : I, General.

17388 36. Participation of United States Government in international conferences, July 1, 1956–June 30, 1957, including composition of United States delegations, participation by other countries and international organizations, conference officers, and actions taken ; prepared in Office of International Conferences. [1958.] xxii+204 p. ([Publication 6670.]) [Title on cover is : International conferences, July 1, 1956–June 30, 1957.] * Paper, 60c.
● Item 879
L. C. card 33-26097 S 1.70/1 : 36

Treaties and other international acts series. * Paper, $10.00 a yr. (approximately 150 issues), $6.00 additional for foreign mailing; single copies vary in price. ● Item 899 S 9.10 : (nos.)

17389 4104. Economic assistance, purchase in India of textiles for Burma, agreement between United States and Burma, effected by exchange of notes, signed Rangoon Aug. 25, 1958 ; [entered into force Aug. 25, 1958]. [1958.] [2]+5 p. * Paper, 5c.
L. C. card 58-62258

17390 4105. Surplus agricultural commodities, agreement, with memoranda of understanding between United States and Ecuador, signed Quito June 30, 1958 ; [entered into force June 30, 1958]. [1958.] [2]+14 p. [English and Spanish.] * Paper, 10c.
L. C. card 58-62302

17391 4107. Surplus agricultural commodities, agreement, with memorandum of understanding and exchange of notes, between United States, and India, signed Washington Sept. 26, 1958 ; [entered into force Sept. 26, 1958]. [1958.] [2]+10 p. * Paper, 10c.
L. C. card 58-62303

17392 4108. Mutual defense assistance, equipment, materials, and services, agreement between United States and Malaya, effected by exchange of notes signed Washington June 30 and July 9, 1958 ; [entered into force July 9, 1958]. [1958.] [2]+3 p. * Paper, 5c.
L. C. card 58-62271

17393 4109. Annual and progressive reduction in Japanese expenditures under art. XXV 2 (b) of administrative agreement of Feb. 28, 1952, agreement between United States and Japan, effected by exchange of notes signed Tokyo, Aug. 12, 1958 ; [entered into force Aug. 12, 1958]. [1958.] [2]+9 p. [Japanese and English.] * Paper, 10c.
L. C. card 58-62300

17394 4110. Amendments to constitution of International Rice Commission between United States and other governments adopted at 4th session of International Rice Commission, Tokyo, Oct. 11–19, 1954, approved by resolution adopted Nov. 18, 1955, at 8th session of Conference of Food and Agriculture Organization of United Nations, held at Rome ; [entered into force Nov. 18, 1955. [1958.] [2]+4 p. [English and French.] * Paper, 5c.
L. C. card 58-62344

17395 4111. Development loan fund, use of Turkish currency repayments, agreement between United States and Turkey, effected by exchange of notes signed Ankara Sept. 6, 1958 ; [entered into force Sept. 6, 1958]. [1958.] [2]+4 p. * Paper, 5c.
L. C. card 58-62301

17396 4112. Financing certain educational exchange programs, agreement between United States and Chile, amending agreement of Mar. 31, 1955, effected by exchange of notes, signed Santiago Aug. 18 and Sept. 17, 1958 ; [entered into force Sept. 17, 1958]. [1958.] [2]+5 p. [English and Spanish.] * Paper, 5c.
L. C. card 58-62345

17397 4114. United States Educational Commission in United Kingdom, additional financial contributions, agreement between United States and United Kingdom of Great Britain and Northern Ireland, effected by exchange of notes signed London, Sept. 22, 1958 ; [entered into force Sept. 22, 1958]. [1958.] [2]+3 p. * Paper, 5c.
L. C. card 58-62304

17398 4116. United States Educational Foundation in Thailand, agreement between United States and Thailand, amending agreement of July 1, 1950, as amended, effected by exchange of notes signed Bangkok Sept. 12, 1958 ; [entered into force Sept. 12, 1958]. [1958.] [2]+4 p. * Paper, 5c.
L. C. card 58-62346

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SUPPLIES AND ACCOUNTS BUREAU (Navy), Defense Dept.

17399 Joint travel regulations, Change 75; Dec. 1, 1958. [1958.] 3+[14] p. 4° [Issued in loose-leaf form.] ‡ D 212.6 : T 69/ch. 75

17400 Military Petroleum Supply Agency, Petroleum procurement inspection manual; June 30, 1958. [1958.] cover title, [44] p. 4° (Army Dept., TM 715-9100-1; Navy Dept., NAVMPSA P-12; Air Force Dept., AFM 74-3; Marine Corps, NAVMC 1182.) [Issued in loose-leaf form in binder.] ‡ D 212.6 : P 44

17401 [Navy recipe service, issue 8; Apr. 30, 1958.] [1958.] 112 cards, each 5 x 8 in. (NAVSANDA publication 7.) * $1.50 per set of 112 cards. D 212.2 : R 24/issue 8

TARIFF COMMISSION

17402 Spring clothespins, report on investigation no. 36, under sec. 332 of Tariff act of 1930, made pursuant to resolution of Committee on Finance, Senate. Washington, Oct. 1958. cover title, [2]+26 leaves, 4° [Processed.] †
L. C. card 58-62322 TC 1.2 : C 62/958

17403 Tungsten ore and concentrates, report on investigation no. 33, under sec. 332 of Tariff act of 1930, made pursuant to resolution of Committee on Finance, Senate. Washington, Nov. 1958. cover title, [2]+67 leaves, 4° [Processed.] †
L. C. card 58-62352 TC 1.2 : T 83/6

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17404 Reports and publications available for general distribution. Oct. 1958. 13 p. 4° (Division of Forestry Relations.) [Processed.] † Y 3.T 25 : 27 R 29/958-2

TRANSPORTATION CORPS (Army), Defense Dept.

17405 Railway car, trailer-on-flat, transportation feasibility, study of [with bibliography]; prepared by Harold A. Ablett, Vernard A. Keerbs. Aug. 1958. [4]+vi+92 p. il. 4° ([ASTIA document AD 148497]; Interim report, project 9-56-02-000, task 111R (formerly project 9-56-02-021); Transportation Research and Engineering Command, Fort Eustis, Va.) [Processed. Pages in brackets in collation consist of detachable card catalog entries. Some of the illustrations are colored.] ‡ D 117.2 : R 13/3

17406 U. S. Army Transportation Arctic Group, final report, Operation King Dog, Mar.-Apr. 1958. Army, Fort Eustis, Va. [1958]. cover title, ii leaves +59 p. 25 pl. 2 maps, 4° [Processed.] ‡
L. C. card 58-62392 D 117.2 Ar 2/4

TREASURY DEPARTMENT

17407 Debt management and sound dollar, [remarks by Julian B. Baird, Under Secretary of Treasury for monetary affairs, before 45th annual convention of Mortgage Bankers Association, Chicago, Ill., Nov. 3, 1958. [1958.] 8 p. 4° [Processed.] † T 1.31 : B 16/2

17408 Remarks by Fred C. Scribner, jr., Under Secretary of Treasury, at 51st annual conference on taxation, sponsored by National Tax Association, Philadelphia, Pa., Oct. 30, 1958. [1958.] 12 p. 4° (A-356.) [Processed.] † T 1.31 : Scr 3

VETERANS ADMINISTRATION

Program guide PG (series).

17409 54. Role of personnel officer in VA field station. Sept. 1958. cover title, [7]+12 p. 4° (Office of Personnel.) ● (Special offer). VA 1.10/3 : 5-4

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WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept.

Regulations, title 29, of Code of Federal regulations. † ● Item 780 L 22.9 : (nos.)

17410 pt. 536. Definition of area of production, as used in sec. 7 of Fair labor standards act of 1938, as amended, providing partial exemption from hours provisions of act, and as used in sec. 13 (10) of Fair labor standards act of 1938, as amended, providing exemptions from wage and hours provisions of act. [Sept. 1958 reprint.] ii+2 p. 4° [Text of Code up to and including Jan. 1, 1958, and any Federal Register amendments up to and including Aug. 31, 1958.]

17411 pt. 549. Requirements of bona fide profit-sharing plan or trust pursuant to sec. 7 (d) (3) (b) of Fair labor standards act of 1938, as amended. [Aug. 1958 reprint.] ii+2 p. 4° [Text of Code up to and including Jan. 1, 1958, and any Federal Register amendments issued thereafter, up to and including July 31, 1958.]

17412 What crew leaders and contractors of farm workers should know about child labor in agriculture under Fair labor standards act. [1958.] [4] p. oblong 8° † ● Item 777 L 22.2 : C 43/5/958

WEATHER BUREAU, Commerce Dept.

Climatic summary of United States, supplement for 1931–52, Climatography of United States 11-(nos.) [Supplement to Climatic summary of United States (Bulletin W, 1930 edition).] ● Item 273–B

17413 36. Texas. [1958.] 147 p. il. oblong 8° * Paper, 70c. C 30.3/2 : 36

Key to meteorological records documentation.

17414 5.11. Annotated bibliography of meteorological observations in United States, 1715–1818, errata. [1958.] 1 p. oblong 24° [Processed.] † ● Item 275–C C 30.66/2 : 5.11/errata

WOMEN'S BUREAU, Labor Dept.

Bulletins. ● Item 781 L 13.3 : (nos.)

17415 157–2 (rev.). Legal status of women in United States: Report for Arizona as of Jan. 1, 1958; [prepared by Laura H. Dale with assistance of Grace C. Ferrill]. [1958.] vi+15 p. * Paper, 15c.
L. C. card L 58–27

17416 157–51. Legal status of women in United States: Report for Alaska as of Jan. 1, 1958; [prepared by Laura H. Dale]. [1958.] vi+14 p. * Paper, 10c.
L. C. card L 58–27

17417 Civil defense begins at home, address by Mrs. Alice K. Leopold, Assistant to Secretary of Labor before National Women's Advisory Committee to Office of Civil and Defense Mobilization, Washington, D. C., Sept. 23, 1958. [1958.] 7 leaves, 4° [(WB 59–53).] [Processed.] † L 13.12 : L 55/5

17418 Summary of State labor laws affecting women: Wisconsin; Nov. 1, 1958. [1958.] 7 p. 4° [Processed.] † L 13.14 : W 75/958

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